UNIVERSITY OF MASSACHUSETTS BOSTON
Division of Corporate, Continuing,
& Distance Education
fall
2006
over 200 courses offered at
convenient times and locations
online courses & programs
certificate & degree programs
corporate & professional training
English language study
u
617.287.7900
ccde.umb.edu

CCDE Fall 2006 Academic Calendar

(Note: this calendar applies only to credit courses as listed on pages 14-37 of this bulletin.)

Registration Deadlines

Registration begins	July 31 (M)
Waiver registration begins*	Aug 30 (W)
Early registration deadline	Sept 5 (Tu)
Late registration begins**	Sept 6 (W)
Financial aid use deadline	Sept 12 (Tu)
Add/Drop deadline	Sept 23 (S)
Pass/Fail deadline	Nov 9 (Th)
Withdrawal deadline	Nov 9 (Th)

*Waiver registrations will only be accepted on or after this date.
**A $25 late fee will be assessed for all registrations (including waiver registrations) conducted on or after this date.

Refund Schedule***

Deadline for 100% refund	Sept 16 (S)
Deadline for 50% refund	Sept 23 (S)

***For information on refund policy and procedures, see page 3 of this bulletin. NO REFUNDS WILL BE GIVEN AFTER THE 50% REFUND DEADLINE DATE.

Registration Hours

Monday-Thursday	8:30am-6:00pm
Friday	10:00am-4:00pm
Extended Hours	
Friday, Sept 8	10:00am-6:30pm
Saturday, Sept 9, 16, 23	8:00am-4:00pm

Registration Phone Numbers

For Information: 617.287.7914

To Register By Phone: 617.287.7916

Start/End Dates

UMass Boston Campus Friday/Saturday Courses

Classes begin	Sept 8 (F); Sept 9 (S)
Classes end	Dec 8 (F); Dec 9 (S)
Makeup/Snow day	Dec 15 (F); Dec 16 (S)

Braintree Courses

Classes begin	Week of Sept 11
Classes end	Week of Dec 4
Makeup/Snow day	Week of Dec 11

Copley Courses

Classes begin	Week of Sept 11
Classes end	Week of Dec 4
Makeup/Snow day	Week of Dec 11

Technical Education Courses

Classes begin	Week of Sept 11
Classes end	Week of Dec 11
Makeup/Snow day	Week of Dec 18

Online Courses

Classes begin	Week of Sept 11
Classes end	Week of Dec 4

Note: If a course has start/end dates that differ from those listed above, they are noted along with the descriptions and schedule information on pages 14-37.

Final exams are held on last day of class unless otherwise indicated by the instructor.

Holidays & Vacations

Labor Day	Sept 4 (M)
Columbus Day	Oct 9 (M)
Veterans Day	Nov 10-11 (F-S)
Thanksgiving Recess	Nov 23-25 (Th-S)

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Fall 2006 Volume 27, Number 1

The University of Massachusetts Boston Bulletin (USPS 566-090) is published quarterly by the University of Massachusetts Boston, 100 Morrissey Blvd., Boston, Massachusetts 02125-3393.

Periodicals Postage Paid at Boston, MA 02205.

Postmaster: Send address changes to: The University of Massachusetts Boston, 100 Morrissey Blvd., Boston, Massachusetts 02125-3393.

All information in this publication is subject to change. For most current information, visit ccde.umb.edu.

To request an alternate-format version of this bulletin, please call 617.287.7911 (for general inquiries, please use 617.287.7900).

Corporate, Continuing and Distance Education Office

The Division of Corporate, Continuing and Distance Education office (Wheatley Hall, 2nd floor, room 203) is open throughout the year to distribute information and resolve problems. Regular weekday hours are: Monday through Thursday, 8:30am-6:00pm; Friday, 10:00am-4:00pm. Special hours for fall 2006 are as follows: Friday, Sept. 8, 10:00am-6:30pm; Saturday, Sept. 9, 16, and 23, 8:00am-4:00pm. To contact CCDE, call 617.287.7900 or Email to ccde@umb.edu.

Contact Information

There are many people in the Division who can help you with questions about our programs, policies, and procedures. Here are some names and numbers to remember:

GENERAL INFORMATION
Reca Quarles
617.287.7900 ccde@umb.edu

REGISTRATION
Registration Info Line
617.287.7914
(for information only; to register by phone, call 617.287.7916)

Registration Fax Line
617.287.7902

ACADEMIC ADVISING
Ed Zaleskas
617.287.7900 edward.zaleskas@umb.edu

ONLINE COURSES & PROGRAMS
Kitty Galaitsis
617.287.7918 katharine.galaitsis@umb.edu

INTERNATIONAL PROGRAMS
Susan Griffin
617.287.7278 susan.griffin@umb.edu

FIELD STUDY & PROGRAMS ON NANTUCKET
Elaine Sullivan
617.287.7915 elaine.sullivan@umb.edu

ENGLISH LANGUAGE STUDY
Susan Griffin
617.287.7278 susan.griffin@umb.edu

CORPORATE/PROFESSIONAL TRAINING
Susan Griffin
617.287.7278 susan.griffin@umb.edu

Website

Find us online at ccde.umb.edu

Visit ccde.umb.edu and sign up for our eList – our email notification program. You will be the first to know about new programs, courses, and events.

On our site, you will also find:
- up-to-the-minute information on all courses
- extensive information about our degree & certificate programs
- more comprehensive information about our online courses, such as instructor bios
- A-Z guide to everything CCDE
- downloadable forms for registration, add-drop, etc.

We encourage you to visit the site regularly.

Directions to UMass Boston

The University is only three miles from downtown Boston and is easily accessible by public or private transportation.

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

Directions to our off-campus sites can be found on pages 10-13.

Parking

Parking is available at the University in two underground garages, designated LL (lower level) and UL (upper level), as well as in an outside lot. Operators of all vehicles except motorcycles must pay $6.00 per day to park on campus (motorcycles: $3.00 per day). Prepaid discount passes are available and may be purchased at the UMass Bookstore or at the Parking & Transportation Office. Contact the Parking Office at 617.287.5041 for more information.

Public Transportation

Free and frequent shuttlebus service is provided between the University and JFK/UMass Station on the MBTA Red Line. Buses following MBTA Routes 8 and 16 also stop at the University. For more information, call 617.287.5040.

Registration Information Line

If you have any questions about our registration process, please call 617.287.7914.

When to Register

Students can register for fall courses starting July 31. It is advisable to register as early as possible; early registration is the best way for students to assure themselves places in the courses of their choice.

Early registration for fall courses is possible until Sept. 5. Late registration will take place during the periods indicated in the Academic Calendar (inside front cover). Late registrations submitted between the first class meeting and the add/drop deadline (see Academic Calendar) require permission of the instructor. Students registering late must pay a $25 fee.

How to Register

Students may use any of the following methods to register:

ONLINE REGISTRATION

If you are a matriculated UMass Boston student or have taken courses at UMass Boston before, you can use the WISER online self-service registration system:

www.umb.edu/it/enterprise_computing/wiser/

If you are taking a UMass Boston course for the first time, you can use our online shopping cart system. For details, go to

ccde.umb.edu/moreinfo/registration/how/

TELEPHONE REGISTRATION

To register by telephone, call 617.287.7916 during the following hours: Monday through Thursday 8:30am-6:00pm and Friday 10:00am-4:00pm. Payment can be made only by credit card (MasterCard, Visa, or Discover). Please fill out the registration form on page 56 and be ready to refer to it before calling.

MAIL OR FAX REGISTRATION

To register by mail or fax, fill out the registration form on page 56. Send it with full payment to the address indicated on the form or fax it to 617.287.7902. For mail registration, payment can be made by check or credit card (MasterCard, Visa, or Discover). For fax registration, payment can be made only by credit card. Mail registrations must be postmarked by Sept. 5. Registrations postmarked after that date will be assessed a $25 late fee.

WALK-IN REGISTRATION

Walk-in registration takes place at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Office hours are Monday through Thursday, 8:30am-6:00pm and Friday, 10:00am-4:00pm, with additional extended hours as follows: Friday, Sept. 8, 10:00am-6:30pm; Saturday, Sept. 9, 16, & 23, 8:00am-4:00pm.

Payment can be made by check, credit card (MasterCard, Visa, or Discover), or cash (Note: Cash payments can only be made at the Bursar's Office, which is open until 4:30pm). For details, see "Payments" (page 4).

Note: All registrations are accepted on the basis of available space. Full payment is required before registrations are accepted.

Adding and Dropping Courses

Students may add or drop courses before the add/drop deadline (see Academic Calendar). To add or drop a course by telephone, call 617.287.7916 during the hours indicated above under "Telephone Registration." To add or drop a course in person, by mail or by fax, use a Change of Registration Form (available from the CCDE Registration Center, Wheatley Hall, second floor, room 203). If a student wishes to register for or add a course after the first class meeting, the appropriate form (Registration Form/Change of Registration Form) must be signed by the instructor(s) of the course(s) added, and returned to the Registration Center before the add/drop deadline (no signature is required when a course is being dropped). To add an online course after the first day of classes, please visit our website for instructor contact information.

Cancellations

The Division reserves the right to cancel underenrolled courses. A student who has registered for a course that is canceled is eligible for a refund (for refund policy, see page 5). If all courses for which the student has registered are canceled, service fees will also be refunded.

Fees and Payments

Course Fees

Course fees are included with course descriptions. These fees are typically calculated on a per-credit basis, as follows:

Undergraduate	$205 per credit
Graduate	$280 per credit

In some cases, a course fee may be calculated differently because of special costs or a subsidy. In these cases, the fee is described as a special course fee.

Lab Fees

Lab fees must be paid for certain courses, as indicated in the schedule listings. The amounts of fees appear under course descriptions. The lab fee for each course must be paid at the time of registration.

Service Fees

All service fees are mandatory except where otherwise noted. Service fees need only be paid once each semester.

Registration Fee (non-refundable*)	$30.00
Educational Service Fee	20.00
Facilities Operations Fee (Note: this fee is not paid by students taking only online courses.)	50.00
Records Fee (for non-matriculated students)	6.00
Late Registration Fee (when applicable—see Academic Calendar, inside front cover) (non-refundable*)	25.00
Returned Check Fee (when applicable)	25.00

**Unless a course has been canceled by the University, the $30 Registration Fee and the $25 Late Registration Fee are not refundable.*

Combined New Student Fee

This one-time mandatory fee of $345 is paid by students entering a UMass Boston degree or certificate program (see page 38). Students will be billed for this fee; it is not paid at the time of registration for CCDE courses.

Payments

Students must pay course and service fees in full before their registrations will be accepted. No payment will be accepted after the add/drop deadline. Students may use the following methods to make payment:

CHECK

Please make checks payable to "UMass Boston."

Payment of course and service fees with a check that is subsequently returned by our bank will result in an additional returned check fee of $25, and may also result in administrative withdrawal and referral to a collection agency, which may result in liability for the payment of a collection fee.

MASTERCARD, VISA, OR DISCOVER

The University will accept payment by MasterCard, VISA, or Discover for all CCDE course and service fees. Please fill out the appropriate section of the registration form.

CASH

Cash payments are made only at the Bursar's Office (Campus Center, 4th floor; M-F, 9:00am-4:30pm). After your completed registration form has been verified at the CCDE Registration Center (Wheatley Hall, second floor, room 203), you should make a cash payment at the Bursar's Office, where you will be given a receipt. You should then return to the CCDE Registration Center and submit the receipt along with your registration form. Registration is not official until this receipt has been submitted.

PAYMENT BY OUTSIDE AGENCIES

If the student's charges are to be paid by an outside agency, a payment authorization from that agency must accompany his or her registration. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

Refund Policy

CREDIT COURSES

A student who drops a *credit course* will be granted a refund according to the dates listed in the Academic Calendar (inside front cover). Non-attendance does not constitute dropping a course. Students dropping a course must file a Change of Registration/Refund Request Form at the CCDE Registration Center (Wheatley Hall, second floor, room 203).

Note: *International and field study programs* have a different refund policy. For details, call 617.287.7913.

NON-CREDIT PROGRAMS

Refunds will be granted to registered students who withdraw from non-credit programs (pages 48-52) on the following basis:

Withdrawn on or before second class meeting date:	100% refund
Withdrawn on or before third class meeting date:	50% refund

No refunds will be granted after the third class meeting date.

In the case of programs that have 5 or fewer class meetings, a 100% refund will be granted for withdrawal before the first class meeting. There will be no refunds after the first class meeting.

Note: This policy does not apply to the Alcoholism/Chemical Dependency Treatment Services Program; see program description (page 48) for more information.

REFUND PROCEDURE

Whenever a refund is due, either because the student wishing the refund has dropped a course or because the University has canceled a course, the student must initiate the refund procedure by notifying the CCDE Registration Center either in person, by fax, mail, or telephone. The amount of a refund is computed on the basis of the date the refund request is received by the CCDE Registration Center (if the request is mailed, the refund is computed from the postmark date).

If a student has made a payment with MasterCard, VISA, or Discover, the refund must be returned as a credit to the cardholder's account. Please be sure to provide the number of the account to be credited. Unless a course has been canceled by the University, the $30 registration fee and the $25 late fee are not refundable. Lab fees are not refundable after the first lab meeting.

Refunds of credit card payments will usually be processed within four to five business days. Refunds of payments made by check or cash will take ten to fifteen business days.

CCDE no longer mails refund checks to students. The Bursar's office sends an email to the student's UMB account, informing them that their check is available for pickup. Students have the option of requesting that their check be mailed; this request must be made in writing to the Bursar.

Note: If your University account has a balance, your refund will be applied to this balance until it is paid in full.

Course Fee Waiver Policy

The Division of Corporate, Continuing and Distance Education will accept course fee waivers for those persons meeting the eligibility requirements described below, providing the courses they wish to take are adequately supported by fees from paying students, and providing space is available.

Course fee waiver policies apply only at the standard rate of $205 per undergraduate credit and $280 per graduate credit. Thus, in the case of a course with extraordinary costs necessitating a higher than standard course fee, course fee waivers will be granted for only the amount of the standard course fee.

Registration fees, service fees, lab fees, and other mandatory fees must be paid in full.

Anyone eligible for course fee waivers must submit documentation when registering; waivers cannot be used retroactively.

Students using waivers must register during a special waiver registration period (see Academic Calendar, inside front cover).

Qualified veterans are eligible for course fee waivers under the following conditions:

1 They must be matriculated in a UMass Boston degree program.
2 The course for which the waiver is being used must be a credit-bearing course.
3 To determine eligibility, veterans must present DD 214 (military discharge) to the UMass Boston Veterans Affairs Office (tel. 617.287.5875).
4 They must have their registration form approved by the UMass Boston Veterans Affairs Office.
5 Veterans must have served during a period considered by the Commonwealth of Massachusetts, MGL Chapter 4, Section 7, as wartime service.

Full-time state employees are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration.

Full-time employees of public higher education, their spouses, and their dependent children are eligible for a 50% course fee waiver upon submission of a properly completed "Certificate of Eligibility" at the time of registration. This benefit also applies to full-time employees of Essex Agricultural and Technical High School.

The Division of Corporate, Continuing and Distance Education cannot honor vouchers issued to cooperating practitioners by the state-funded programs of the University of Massachusetts at Amherst, Boston, Dartmouth, Lowell, or Worcester.

This benefit is provided only to individual state employees and other eligible persons as noted above. In the case of a state department or agency cosponsoring education for its employees, the department is directly responsible to UMass Boston for the full cost of the program.

Waivers may not be used for Music 185 (Private Music Lessons; see page 23) and other special courses.

Please Note: Due to changes in University policy, the Division of Corporate, Continuing and Distance Education no longer grants waivers to senior citizens.

Eligibility for Enrollment

UNDERGRADUATE COURSES

UMass Boston undergraduate credit courses are open to: 1) students who may be considering matriculation into a degree program at UMass Boston or elsewhere; 2) students matriculated at other institutions who will use UMass Boston credits to meet degree requirements at their home institutions; and 3) matriculated UMass Boston students. Anyone who has graduated from high school or who has earned a high school equivalency certificate is invited to begin or continue taking courses at UMass Boston. Please see the regulations below governing academic retention standards for matriculated and non-matriculated students.

Before registering for undergraduate courses, you should know that the University assumes that students registering for these courses will accurately assess their ability to do college-level work.

SPECIFIC CLA/CSM REQUIREMENTS

The College of Liberal Arts (CLA) and College of Science and Mathematics (CSM) recently revised the General Education portions of their graduation requirements. For complete information on these changes, we recommend that you consult the UMass Boston Fall 2006 Schedule of Courses. Information on CLA/CSM requirements is also available at www.umb.edu/academics/cla/gened.html.

Many courses described in this publication fulfill CLA and CSM *distribution requirements*, as indicated by a note following the course description that refers to the "Distribution Area"to which the course belongs. Although they are open to non-matriculated students, all of these courses meet specific requirements for CLA and CSM matriculated students. To be sure of taking distribution courses that will meet their degree requirements, all CLA and CSM matriculated students should, before registering, pick up advising materials concerning distribution requirements from the University Advising Center (Campus Center, 1st floor, room 1100; 617.287.5500).

Please note that distribution requirements for students who have matriculated in or after fall 2002 are different than for those who matriculated earlier. The older and newer requirements are referred to in course listings as "Distribution I" and "Distribution II," respectively. For more information, see the University's Fall 2006 Schedule of Courses booklet.

Courses whose numbers are followed by "G" are First-Year or Intermediate Seminars that count towards the *critical analysis requirement* of the CLA/CSM General Education curriculum.

Materials concerning the CLA/CSM *writing proficiency requirement* are available from the Core Curriculum Office (CC-2-2100; 617.287.6330).

Courses that meet the CLA/CSM *diversity requirement* are identified in a note following the course description.

GRADUATE COURSES

Before registering for graduate courses, you should know that students who have not formally been admitted into UMass Boston graduate programs may enroll in graduate courses offered through CCDE, providing they hold a bachelor's degree and meet course prerequisites. Up to six units earned in courses taken before admission to a graduate degree or certificate program may be counted toward the requirements for that program, with the permission of the program director; however, completion of these courses does not imply admission to the program. Some courses require permission from the appropriate graduate program director(s); this is indicated in the individual course listings. If you need permission to enroll, you can learn what procedure to follow by calling the appropriate program office at one of the numbers listed below.

Applied Linguistics	617.287.5760
Applied Sociology	617.287.6252
Business Administration	617.287.7720
Computer Science	617.287.6440
Counseling	617.287.7617 or 7600
Critical and Creative Thinking	617.287.6520
Dispute Resolution	617.287.7421
Instructional Design	617.287.5980 or 7600
Public Affairs	617.287.5543
School Psychology	617.287.7602 or 7600
Special Education	617.287.7620 or 7600
Teacher Education	617.287.7625 or 7600

Prerequisites and Permission

It is the responsibility of students to meet course prerequisites. If you have any questions about whether you have met a prerequisite, you should contact the appropriate academic department or program.

Certain courses, as their descriptions indicate, cannot be taken without special permission. If you need such permission, you can learn what procedure to follow by calling the CCDE Registration Information line at 617.287.7914. Be sure that the appropriate initials appear in the "Faculty Initials" column on your registration form.

Diagnostic Testing

Diagnostic tests for English and mathematics courses are held in the Testing Center (Campus Center, Upper Level, room 133). The diagnostic test in English is required only for non-native speakers. For current schedule information, visit www.uac.umb.edu.

Each test takes approximately one hour to complete. Results can be obtained two hours from the time one finishes testing. A photo ID is necessary to receive results. There is no fee for testing and no appointments are necessary. Calculators, books or notes are not allowed. We do not have practice exams; however, sample questions can be found at www.uac.umb.edu. For further information, please call 617.287.5522.

Auditing

The auditing of certain courses may be possible with the permission of the instructor. The auditing fee is the same as the course fee. Permission to audit a course will be granted by the instructor on a space-available basis. Instructor approval may be obtained only during the first class session. A completed audit application must accompany a student's registration form; in such cases, the late registration fee will be waived. Students may not change their registration from credit to audit or from audit to credit. Inquiries concerning the auditing of courses should be directed to the Division of Corporate, Continuing, and Distance Education Office, 617.287.7914.

Pass/Fail Option

Many courses may be taken on a pass/fail basis. It is the student's responsibility to decide whether doing so is appropriate for a particular course. When the student earns a Pass (P) grade, units for the course count as graduation units, but the grade has no bearing on the student's cumulative average. A Fail (F) grade affects the student's cumulative average as a regular "F" would.

The pass/fail option is limited to one course per semester and one course per summer. UMass Boston students may use the pass/fail option for a maximum of eight courses during their undergraduate careers. Graduate students may not take courses on a pass/fail basis. A course exceeding five units cannot be taken pass/fail.

A student wishing to take a course on a pass/fail basis must fill out a pass/fail form by the deadline for that session (see Academic Calendar, inside front cover) or use the University's WISER student self-service system (details on using the system will be provided to all newly registered students). Pass/fail forms are available at the CCDE Registration Center (Wheatley Hall, second floor, room 203). Students are advised to retain their copy of the pass/fail form.

Any student submitting two pass/fail forms in one semester will not be allowed to take either course on a pass/fail basis. A pass/fail form, once submitted, cannot be withdrawn after the pass/fail deadline (see Academic Calendar, inside front cover).

Before exercising the pass/fail option, students from other institutions should consult an advisor or check their institutional or departmental requirements concerning transfer credit.

Withdrawing from Courses

Any student withdrawing from a course after the add/drop deadline will receive a grade of "W" for that course. Withdrawal forms are available at the CCDE Registration Center at the UMass Boston campus (Wheatley Hall, second floor, room 203). A student withdrawing from a course does not receive a refund. Failure to submit a withdrawal form before 4:00pm on the day of the withdrawal period deadline (see Academic Calendar, inside front cover) will result in a grade of "F". Non-attendance does not constitute withdrawal.

Academic Standing

Students must maintain a required 2.00 cumulative average.

Academic Warning. A student whose semester average falls below 2.00 but whose cumulative average still meets the required minimum receives a warning posted in an obvious place on the online degree audit system to put the student on notice.

Academic Probation. At the end of the first semester in which a student does not meet the required minimum cumulative average of 2.0, he or she is placed on probation. A letter is sent informing the student of his or her probationary status and strongly urging consultation with the student's advisor to review the forthcoming semester's program. While on academic probation, a student shall not be eligible to hold office in any recognized student organization, to represent the University in any sense, or to participate on any intercollegiate athletic team.

Academic Suspension. The student who does not meet the required minimum cumulative average for the second consecutive semester is suspended for one semester. The student must apply for readmission through the appropriate authority. The readmitting body may set conditions on the student's schedule, and shall set standards for retention. A student who has received a semester average of at least 2.0 for the semester immediately preceding suspension may appeal for an additional probationary period. The appeal authority may set conditions for granting the appeal. If the student does not meet the conditions, suspension will automatically follow.

Academic Dismissal. A student who, subsequent to suspension and readmission, does not meet the retention standards set by the readmitting body shall be dismissed. A student who has been dismissed may appeal for readmission after one year.

A student who has been dismissed or suspended may not register for CCDE credit courses.

Transfer Credit

Students from institutions other than UMass Boston (including other institutions in the University of Massachusetts system) who wish to transfer credits earned in CCDE credit courses should contact their college or university concerning specific transfer requirements.

UMass Boston units are treated as transfer credits at UMass Amherst. Students must earn a grade of "C-" or better to transfer the course. Letter grades earned at UMass Boston will not be used in grade point average calculations and the credit will not be counted as residence credit.

Most institutions require a student to obtain authorization in advance for each CCDE credit course in which the student wishes to enroll for transfer credit.

Transcripts

All students who wish transcripts sent to other schools must complete transcript request forms; visit the Student Administrative Services Center, Campus Center, Upper Level, or call 617.287.6224.

ID Cards

ID cards may be obtained through the Student Life Office (Campus Center, 3rd floor) Monday through Thursday, 9:00am-6:00pm. Friday, 9:00am-5:00pm. The office will be open for extended hours during the first two weeks of the semester and on the first few Saturdays of the semester. Please call for these extended hours. Students must present a valid driver's license, passport, or other official form of photo identification when requesting ID cards. Those students who do not possess a valid form of photo identification can call the ID office at 617.287.7957 to get a list of acceptable alternate forms of identification. The charge is $10 for the first card (cash or money order; no personal checks) and $15 for a replacement card.

Note: Students taking off-campus and weekend courses receive a special ID card. This card permits the holder to use the facilities of the Healey Library, but it does not provide access to the University's athletic facilities, health services, or fee-supported student activities.

Public Safety

The UMass Boston Public Safety Department is charged with the responsibility of helping to provide a safe and secure environment in which faculty, students, and staff will be able to teach, learn, and work. The Department's Administrative Office and Communications Center are located on the Plaza Level of the Quinn Administration Building. The main number for the Public Safety Office is 617.287.7799. Routine service requests for police and security services can be made on 617.287.7799, 7.7780, and 7.7781. For all emergencies on campus, dial 911.

Emergency Cancellations of Classes

When classes and activities held at the UMass Boston campus are canceled because of snow or other emergencies, the University will announce cancellations beginning at 6:00am. The University main telephone line, 617.287.5000, will carry a taped announcement when the University is closed or opening late. The bulletin board at UMass Boston's web site (www.umb.edu) will contain weather announcements. Radio stations WUMB-FM (91.9), WBZ-AM (1030), and WRKO-AM (680), and television stations WBZ-TV (Channel 4), WCVB-TV (Channel 5), and WHDH-TV (Channel 7) will also carry cancellation announcements 6:00-7:00am, Monday through Saturday. Decisions about cancellations at off-campus sites are made by the local facility, not by the University. Students taking classes at off-campus sites should listen for radio announcements concerning the closing of those locations.

Bookstore

Books for all credit courses offered on or off campus may be purchased in the Campus Center, UL (Upper Level). The bookstore is open Monday through Thursday, 8:30am-6:30pm; Friday, 8:30am-4:30pm. Hours will be extended for the first three weeks of the semester. For more information, call 617.287.5090. Books may also be purchased online at www.efollett.com

Library

The Joseph P. Healey Library contains approximately 500,000 volumes and currently subscribes to more than 3,700 popular and scholarly periodicals. The library is centrally located on the UMass Boston campus plaza, easily accessible from the catwalk that connects all buildings on campus. The Healey Library's regular hours are as follows: Monday through Thursday, 8:00am-11:00pm; Friday, 8:00am-7:00pm; Saturday 9:00am-5:00pm; Sunday, 11:00am-7:00pm. These hours may vary during holidays, intersessions, and vacations; for current hours, please call 617.287.5903. For further library information, call 617.287.5902.

For information on access to library resources for online students, visit ccde.umb.edu/dl and click on "Frequently Asked Questions."

Academic Advising and Career Counseling

University Advising Center, Campus Center, 1st floor, 617.287.5500. Monday through Thursday, 8:30am-6:00pm, Friday, 8:30am-5:00pm (walk-in services available; please call for an updated schedule.)

Academic advising is also available during the day or evening, by appointment, at the CCDE office. For more information, call Ed Zaleskas at 617.287.7900 or Email edward.zaleskas@umb.edu.

Cafeteria

Food service is available to Friday and Saturday students at the Wit's End Cafe (3rd floor, Wheatley Hall) as well as the Atrium Cafe (UL, Campus Center—Friday 8:00am-6:00pm, Saturday 8:30am-2:00pm).

Ross Center for Disability Services

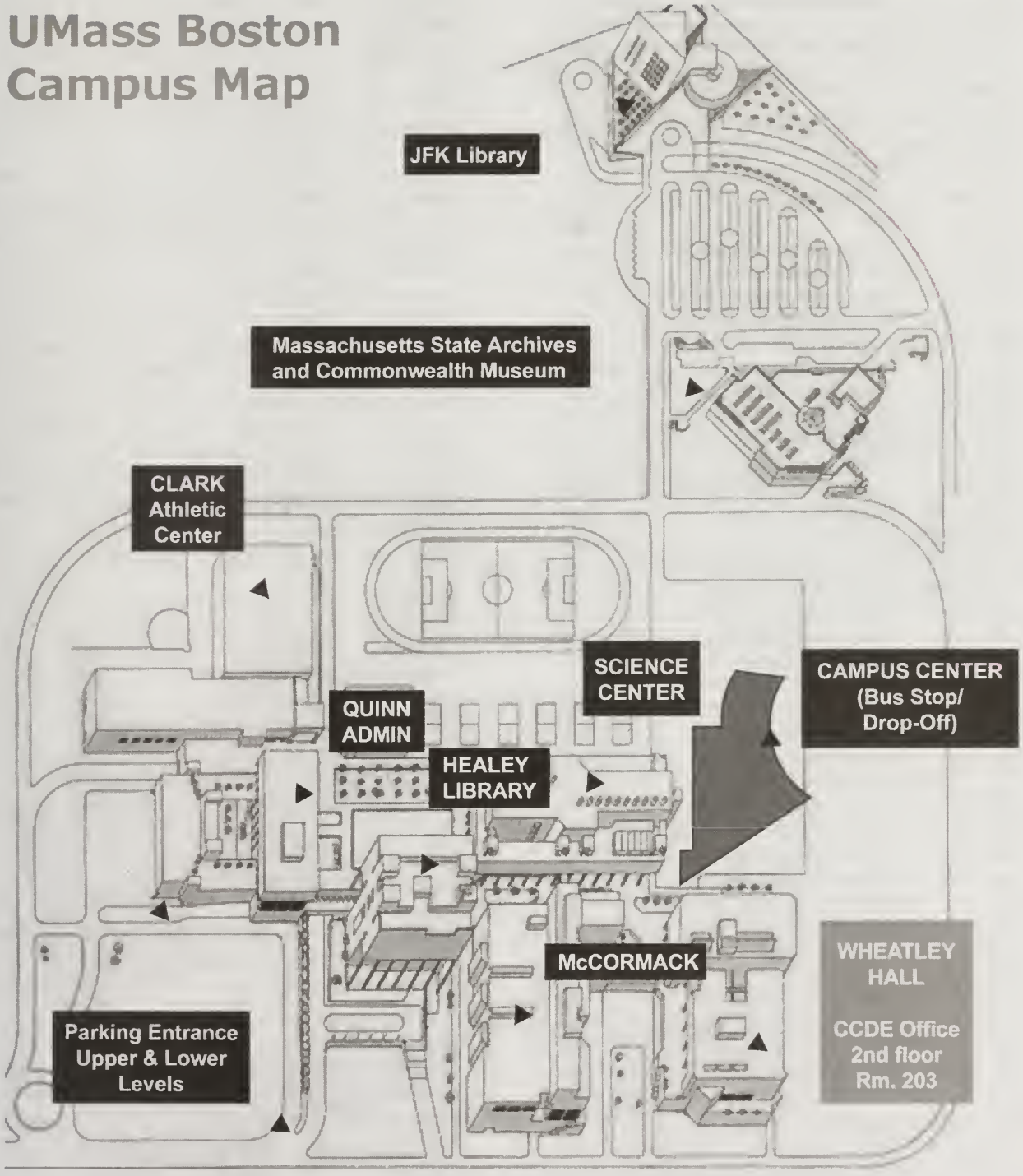
Campus Center, 2nd floor, 617.287.7430; Monday through Thursday 8:30am-5:00pm; Friday, 8:30am-4:00pm; other hours by arrangement. The Lillian Semper Ross Center for Disability Services provides a full range of support services including: note taking, reading on tape, interpreting for students who are deaf, administering exams with accommodation to disability, counseling, and more. All students with disabilities and the entire University community are welcome to visit and inquire about our many services and resources.

Veterans Services

Student Administrative Services Center, Campus Center, Upper Level, M-F 8:30am-5:00pm

Assistance is available to veterans in obtaining their educational benefits and resolving related problems.

UMass Boston Campus Map



UMass Boston Campus

100 Morrissey Boulevard

DIRECTIONS:

From the north or west: Take the Southeast Expressway to exit 15. Turn left onto Columbia Road. Enter the rotary and take the first right (Morrissey Boulevard). Bear right of the traffic island, following the UMass Boston sign. Proceed past the Boston Globe building. Turn left into the campus.

From the south: Take the Southeast Expressway to exit 14 (near the Boston Gas tanks). Follow Morrissey Boulevard northward to the campus.

UNDERGRADUATE CREDIT COURSES

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AMST 101	Popular Culture in America	14
AMST 215	America on Film	15
ANTH 105	Introduction to Biological Anthropology	15
ANTH 271	Peoples and Cultures of the Middle East	15
ANTH 272	Peoples and Cultures of Africa	15
ART 102	Renaissance to Modern Art	16
ART 210	Survey Of American Art	16
ART 281	Drawing I	16
BIOL 108	Introduction to Nutrition	16
COMSTU 105	Oral Communication	17
CRMJUS 262L	Criminology	18
CRMJUS 351L	Methods of Sociological Research	18
CRMJUS 363L	Corrections	18
EEOS 225	Weather and Climate	18
ENGL 101	Freshman English I	19
ENGL 102	Freshman English II	19
ENGL 206	Six American Authors	19
ENGL 324	Short Story	20
FRENCH 101	Elementary French I	20
HIST 111	Foundations of Western Civilization	20
HIST 114	Modern World History II	20
HIST 165	American History before 1877	20
HIST 303	Classical Archaeology	21
LING 151	Elementary American Sign Language I	21
MATH 115	College Algebra	22
MATH 125	Introductory Statistics	22
MATH 130	Precalculus	23
MATH 134	Managerial Calculus	23
MUSIC 111	An Introduction to Music	23
MUSIC 185	Private Music Lessons	23
PHIL 100	Introduction to Philosophy	25
PHIL 108	Moral and Social Problems	25
PHIL 222	Moral Issues in Medicine	25
PHIL 281	Magic in Renaissance Thought	25
POLSCI 101	An Introduction to Politics and Political Science	25
POLSCI 202	Comparative Politics of Transitional Societies	25
PSYCH 100	Introductory Psychology	26
PSYCH 102	Introduction to Behavioral Research	26
PSYCH 200	Personality	26
PSYCH 215	Abnormal Psychology	26
PSYCH 250	Learning and Memory	27
PSYCH 333	Group Dynamics	27
PSYCH 341	The Family and the Child: A Psychological View	27
RELSTY 109	Symbol, Myth, Ritual	27
SOCIOL 261	Social Deviance and Control	28
SOCIOL 262L	Criminology	28
SOCIOL 316	Family Violence	28
SOCIOL 341	Elements of Sociological Theory	29
SOCIOL 351L	Methods of Sociological Research	29
SOCIOL 363L	Corrections	29
SPAN 105	Basic Spanish for Communication I	30
WOST 100	Women and Society	30
WOST 181	Women, Work And Stress	30
WOST 182	Women And Addiction	31

GRADUATE CREDIT COURSES

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BWPEDU 501	Teacher As Writer	32
BWPEDU 510	Writing in the Content Areas	33
BWPEDU 530	Teaching and Writing Poetry K-12	33
GERON GR 623	Issues In Aging Policy	34
INSDSG 601	Introduction to Instructional Design	35
INSDSG 602	The Adult as Learner	35
INSDSG 608	Information Design And Visual Literacy	35
INSDSG 616	Production of Computer-Based Training	35
INSDSG 620	Interpersonal Skills and Group Dynamics	35
INSDSG 630	Managing The Training Function	35
SPAN 540	Caribbean Borders: Literature And Identity In The Hispanic Caribbean	37

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services 46
Human Resource Management 46
Practical Project Management 47
PMP Exam Preparation 47

ENGLISH LANGUAGE STUDY *(see pages 50-51)*

ESL: The Intensive Course 50
University Preparation 50
ESL: Business English Option 50
Evening ESL Classes 51
Professional Communication for Non-Native Speakers 51
TOEFL Test Preparation 51

GRADUATE TEST PREPARATION *(see page 52)*

Andover

Greater Lawrence Regional Vocational High School
57 River Road

DIRECTIONS:

I-93 to Exit 45, left onto River Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30

Braintree

Braintree High School, 128 Town Road

DIRECTIONS:

Interstate 93 to Exit 6 (Route 37), merge onto Granite St., left on Town Road.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
BIOL 111	General Biology I	16
CRMJUS 368L	Alcoholism: Etiology and Epidemiology	18
SOCIOL 101	Introduction to Sociology	28
SOCIOL 368L	Alcoholism: Etiology and Epidemiology	29

Copley Square, Boston

Muriel S. Snowden International School, 150 Newbury Street

DIRECTIONS:

At corner of Newbury and Dartmouth Streets, Back Bay, Boston. MBTA: Take Green Line to Copley station, one block north on Dartmouth Street to Newbury Street.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
AF 201	Personal Finance	14
AF 210	Financial Accounting	14
AF 211	Managerial Accounting	14
AFRSTY 101	Introduction to Africana Studies	14
AMST 206	The Sixties	14
AMST 210	American Dreams/American Realities	15
ANTH 106	Introduction to Cultural Anthropology	15
BIOL 108	Introduction to Nutrition	16
CRMJUS 321L	Race and Ethnic Relations	18
EEOS 101	The Global Environment	18
ECON 101	Introduction to Microeconomics	18
ECON 102	Introduction to Macroeconomics	19
ENGL 101	Freshman English I	19
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ENGL 201	Five Major British Writers	19
ENGL 210	Introduction to Creative Writing	20
HIST 112	Modern Western Civilization	20
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MGT 130	Introduction to Business	21
MSIS 105	Introduction to Information Systems	21
MATH 125	Introductory Statistics	22
PHIL 100	Introduction to Philosophy	25
PHIL 108	Moral and Social Problems	25
POLSCI 102	Government and Politics of the United States	25
POLSCI 220	International Relations	26
PSYCH 100	Introductory Psychology	26
PSYCH 241	Infancy and Childhood Development	27
PSYCH 315	Psychological Trauma: Individual and Society	27
RELSTY 104	Socrates, Jesus, Buddha	27
RELSTY 280	Special Topic: Intelligent Design	27
SOCIOL 101	Introduction to Sociology	28
SOCIOL 201	Youth and Society	28
SOCIOL 281	Society and the Individual	28
SOCIOL 321L	Race and Ethnic Relations	28
SOCIOL 362	Juvenile Delinquency	29

GRADUATE TEST PREPARATION *(see page 52)*

Framingham

Joseph P. Keefe Technical School, 750 Winter St.

DIRECTIONS:

I-90 to Exit 13, left on Rt. 30, right on High St. (becomes Salem End Rd.), left on Winter st.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30

CORPORATE & PROFESSIONAL TRAINING

	Alcoholism/Chemical Dependency Treatment Services	46

Franklin

Tri-County Regional Vocational Technical High School
147 Pond St.

DIRECTIONS:

I-495 to Exit 11A, Rt. 140 S. to Exit 17, left on Old West Central St., becomes Pond St.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30

New Bedford

Greater New Bedford Regional Vocational High School
1121 Ashley Boulevard

DIRECTIONS:

Rt. 24 to exit 12, south on Rt. 140, exit 6 to Rt. 18 (Ashley Blvd).

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30

Online Courses

For information about UMass Boston's online courses and programs, see page 49.

Online courses are marked in the following pages with the symbol at left.

UNDERGRADUATE CREDIT COURSES

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AF 201	Personal Finance	14
ANTH 107	Introduction to Archaeology	15
ANTH 367	Social and Cultural Perspectives on Witchcraft and Sorcery	16
BIOL 101	The Basis of Life	16
LATIN 101	Fundamentals of Latin I	17
LATIN 102	Fundamentals of Latin II	17
LATIN 211	Intermediate Latin	17
COMSTU 100	Introduction to Communication	17
COMSTU 210	Using Internet Communication	17
CS 109	Computer Programming for Engineers	17
CS 240	Programming in C	17
ECON 101	Introduction to Microeconomics	18
ECON 102	Introduction to Macroeconomics	19
ENVSTY 101	The Nature of Environmental Problems	20
HIST 166	American History after 1877	20
HIST 315	Europe 1900-1945	21
MGT 130	Introduction to Business	21
MSIS 123	Introduction to Information Security	21
MSIS 124	Introduction to Visual Basic.net	22
MSIS 212	Managerial Decision Making	22
MUSIC 248	Universe of Music	24
NURSNG 360	Professional Issues in Nursing	24
NURSNG 361	Health Assessment and Promotion	24
NURSNG 362	Nursing Research & Information	24
NURSNG 461	Community Health & Cap-RN	24
OCC ED 222	Developing & Implementing a Standards-Based Curriculum	30
POLSCI 220	International Relations	26
POLSCI 311	Political Parties	26
POLSCI 312	Political Economy I	26
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SOCIOL 101	Introduction to Sociology	28
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SOCIOL 367	Drugs and Society	29
SPAN 101	Elementary Spanish I	29
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WOST 240	Educating Women	31
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APLING 670	Testing in the Bilingual/ESL Classroom	31
COUNSL 601	Research and Evaluation in Psychology	31
COUNSL 605	Principles of Vocational, Educational, and Psychological Assessment	31
COUNSL 626	Collaborative Consultation	32
CRCRTH 601	Critical Thinking	32
CRCRTH 618	Creative Thinking, Collaboration, and Organizational Change	32
CSDEDU 530	Curriculum Frameworks for All Students (Learning Styles, English Language Arts Framework)	32
CSDEDU 540	Curriculum Frameworks for All Students (Mathematics, Science and Technology, History and Social Sciences)	32
EDC G 610	Computers, Technology & Education	33
GERON GR 626	Economics of Aging	34
GERON GR 650	Service Delivery Issues in Aging	34
GERON GR 660	Organization and Financing of Aging Services	34
GERON GR 670	Human Resources and Personnel Management in Aging Services	34
GERON GR 675	Organizational Theory Behavior and Aging Services	34
INSDSG 601	Introduction to Instructional Design	35
INSDSG 617	Advanced Computer-Based Training	35
INSDSG 618	Assessment in the Instructional Design Process	35
INSDSG 650	Assessment of Educational Technologies	36
INSDSG 697	Special Topic - Design And Instruction of Online Courses	36
NURSNG 614	Advanced Pathophysiology	36
NURSNG 631	Role Of The Advanced Practice Nurse	36
NURSNG 634	Advanced Pharmacology	36
NURSNG 639	Primary Care Of Adults	37
NURSNG 680	Primary Care Of Family: Practicum II	37
PAF G 619	WPPP: Contemporary American Public Policy Issues	37
SPAN 503	Perspectives on the Spanish-Speaking Language Classroom	37

CORPORATE & PROFESSIONAL TRAINING *(see pages 46-48)*

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Design and Developing Content I	47
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Introduction to the Urban Landscape	48
How to Read Urban Open Space	48
Plant Materials for the Urban Landscape	48
Negotiating the Urban Landscape	48

Plymouth

Cordage Commerce Center
36 Cordage Park Circle, Suite #201

DIRECTIONS:

Rte. 3 to Exit 9 (Kingston/N. Plymouth), left onto Main St. (Rte. 3A), Main St. becomes Court St., follow to Cordage Commerce Center.

UNDERGRADUATE CREDIT COURSES

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MSIS 105	Intro to Information Systems	21
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30
OCC ED 219	Managing Student Behavior	30
OCC ED 222	Developing & Implementing a Standards-Based Curriculum	30

CORPORATE & PROFESSIONAL TRAINING

Alcoholism/Chemical Dependency Treatment Services	46

Wakefield

Northeast Metropolitan Regional Vocational High School
100 Hemlock Road

DIRECTIONS:

Rte 1 north to Main St. (Melrose/Stoneham) exit, merge onto Main St., Main St. becomes Farm St., right onto Hemlock Rd.

UNDERGRADUATE CREDIT COURSES

Course #	Title	Page
OCC ED 218	Seminar for the Beginning Vocational/Technical Teacher	30
OCC ED 219	Managing Student Behavior	30
OCC ED 222	Developing & Implementing a Standards-Based Curriculum	30

IF YOU HAVE QUESTIONS...
...about your eligibility to enroll in CCDE courses, or about College of Liberal Arts (CLA) and College of Science & Mathematics (CSM) distribution and diversity requirements, turn to page 6, "Academic Information."

UNDERGRADUATE COURSES

Accounting and Finance

PERSONAL FINANCE **AF 201**
Introduces students to planning and managing personal and family finances. Topics include financial planning and budgeting, banking and borrowing, making major purchases like a home or car, insuring against risk, investing, and tax, retirement and estate planning. This course cannot be counted toward the finance or accounting concentrations of the College of Management.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 13225

ONLINE
Special course fee: $775
Class No 13226

FINANCIAL ACCOUNTING **AF 210**
Presents the theory and techniques of financial accounting. The course encompasses the basic functions of collecting, processing, and reporting accounting information for interested third parties (e.g., owners, investors, and government) and enables students to analyze, interpret, and use accounting information effectively.
Prerequisite: 30 credits.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 13227

MANAGERIAL ACCOUNTING **AF 211**
Presents the theory and technique of managerial accounting, from the particular perspective of the manager. The course covers the identification and analysis of the behavior of costs within the organization, and illustrates how managers use such knowledge for planning and control. Major topics include responsibility accounting, comprehensive and cash budgeting, standard job order and process cost systems, cost-volume-profit analysis, cost allocation, activity-based costing, standard costs, and variance analysis.
Prerequisites: AF 210 and 30 credits.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 13228

Africana Studies

INTRODUCTION TO AFRICANA STUDIES **AFRSTY 101**
This course presents an overview of the major theories in the field of Africana studies. It seeks to explore the Africana experience in a way that is orderly, systematic, and structurally integrated; and to convey an understanding of the cultural, historical, and political roots of this experience. The course focuses chronologically on major historical episodes through a study of ancient African civilizations, slavery, colonialism, and African liberation movements.
Distribution I Area: Historical and Cultural Studies.
Distribution II: World Cultures.
Diversity Area: International.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 13231

American Studies

POPULAR CULTURE IN AMERICA **AMST 101**
This course introduces students to the varieties of popular culture in America, including popular literature, live entertainment, radio, movies, and television. In-depth case studies of such particular forms of popular culture as humor and music are included. In class viewing and listening accompany case studies.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-046
Class No 6640

THE SIXTIES **AMST 206**
The course focuses on protest and the role of youth. Who protested and why? Was the phenomenon of the sixties an aberration or part of a larger radical tradition in America? What was the impact on the seventies? Readings are drawn from the works of participants in the student, black, feminist, and peace protest movements, from the intellectuals who defended and attacked them, and from the growing body of retrospective, analytic, and historical literature which attempts to explain what really happened in that tumultuous decade.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 6641

AMERICAN DREAMS/AMERICAN REALITIES: MEN AND WOMEN IN SOCIETY AND CULTURE 1600-1860 AMST 210

Documents, diaries, letters, essays, fiction, and art, along with secondary historical and anthropological sources, are used to compare the dreams and realities of men's and women's lives in America from the first contact between European explorers and native Americans up through the Age of Reform (1830-1860). Topics include visions of landscape and nature; contrasting cultures of Indians and Anglo-Americans; family and "women's place"; slavery; working class organization; and women's rights.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 13232

AMERICA ON FILM AMST 215

This course focuses on the flowering of American cinema through decades of social, political, and cultural change. It examines both classic representations of "The American Experience" and films which challenge such classic representations. The relations between film and other arts, and between film, history, and ideology, are an ongoing concern.
Prerequisite: ENGL 102.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: The Arts.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-127
Class No 13233

Anthropology

INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY ANTH 105

The study of human biological evolution and human population variation. This course introduces the history, theory, and methods of research in biological anthropology through lectures and hands-on exercises. Major topics include: geological time, classification, and the place of humans in the animal world; evidence for primate and human evolution; evolutionary theory and genetics; and discussion of the evolutionary forces involved in producing human population variation. This course addresses, in assignments and during class time, the following general education capabilities: critical thinking; using technology to further learning; quantitative reasoning; collaborative work; and effective communication. Students who have taken ANTH 102 may not receive credit for ANTH 105.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-198
Class No 6642

INTRODUCTION TO CULTURAL ANTHROPOLOGY ANTH 106

An introduction to the anthropological study of cultures, based on ethnographic descriptions and analyses of tribal, developing, and modern state societies. The course explores a variety of concepts and approaches to the study of culture, and participants acquire experience in critical reading, critical thinking, and analytic writing. Students who have taken ANTH 103 may not receive credit for ANTH 106.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 6643

INTRODUCTION TO ARCHAEOLOGY ANTH 107

The study of the past through scientific analysis of the traces left behind by humans. This course introduces the history, theory, and methods of archaeological research through lectures and hands-on projects. Archaeological data are then used to examine such major transformations of human cultural evolution as the domestication of plants and animals and the origins of complex civilizations. Students prepare a paper suitable for the Writing Proficiency Requirement Portfolio. Students who have taken ANTH 102 may not receive credit for ANTH 107.
Distribution I Area: Natural Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 12479

PEOPLES AND CULTURES OF THE MIDDLE EAST ANTH 271

An examination of historical and sociopolitical forces in the formation of the contemporary Middle East; the cultural, ethnic, and economic diversity of modern nation-states in this region; neo-colonialism and imperialism as persisting obstacles to development and progress in this part of the world; and the role of Islam in reformist and revolutionary movements.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-010
Class No 6645

PEOPLES AND CULTURES OF AFRICA ANTH 272

An in-depth study of selected African societies, examining traditional institutions, the colonial situation, and modernization.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: World Cultures.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-2-198
Class No 13234

SOCIAL AND CULTURAL PERSPECTIVES ON WITCHCRAFT AND SORCERY **ANTH 367**

Beliefs about people with extraordinary powers to cause harm or good are found in societies of different types and in different periods in history. This course examines such beliefs in a number of different cultural, geographical, and historical contexts in order to demonstrate ways in which anthropologists and other social scientists approach the more general problem of understanding the function of belief systems in human society. The course does not teach techniques of witchcraft or sorcery.
Prerequisites: ANTH 100 or 103 or 106, or permission of instructor.
3 Credits, Special course fee: $775

ONLINE
Class No 6647

Art

RENAISSANCE TO MODERN ART **ART 102**

An historical survey of Western art and architecture from the fifteenth century to the twentieth century. The course deals with different aspects of the art of the Renaissance in Italy and the North, the Baroque and Rococo, Neoclassicism and Romanticism, Realism and Impressionism, and Post-Impressionism.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 12:00-3:00pm, M-3-430
Class No 6651

SURVEY OF AMERICAN ART **ART 210**

This lecture course introduces the student to the history of art in America from the 17th century through the early 20th century. American artists differ from their European counterparts as they reinterpret forms of expression to create art that is directly related to American culture, society, politics and economics. We will examine painting, sculpture, architecture and photography in the context of American life and explore the philosophical and ideological influences that define a uniquely American aesthetic sensibility. The course requirements include class museum visits, two short papers, mid term and final exams.
Distribution I Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, M-3-430
Class No 13235

DRAWING I **ART 281**

A comprehensive introduction to basic materials and techniques, with emphasis on drawing as a primary means for the description and interpretation of people and their environment. Problems in still life, landscape, and life drawing. Fundamentals of visual language are also addressed.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615, Lab fee: $20.00

UMASS BOSTON CAMPUS
S 12:00-4:30pm, H-8-009
Class No 6652

Biology

THE BASIS OF LIFE **BIOL 101**

The uniqueness of life within the physical universe. The matter and energy of life, the genetic code, molecular biology, and the origin and evolution of life. An overview for students in the humanities and social sciences of those features which distinguish living organisms from non-living things. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 6653

INTRODUCTION TO NUTRITION **BIOL 108**

Introduction to the elements of nutrition with emphasis on nutrition for humans; examination of food stuffs and nutritional quality, physiology of food utilization, food quality regulations, and the global ecology of food production. No background in the natural sciences is required.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-2-158
Class No 6655

COPLEY
W 6:00-9:00pm
Class No 6654

GENERAL BIOLOGY I **BIOL 111**

An integrated course stressing the principles of biology. Life processes are examined primarily at the molecular and cellular levels. Intended for students majoring in biology or for non-majors who wish to take advanced biology courses.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
4 Credits, Course fee: $820, Lab fee: $75.00

BRAINTREE
MW 6:30-9:30pm
Class No 6656

Classics

FUNDAMENTALS OF LATIN I **LATIN 101**

Designed to complete a standard basic textbook with Latin 102.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 6718

FUNDAMENTALS OF LATIN II **LATIN 102**

Continuation of Latin 101.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 13294

INTERMEDIATE LATIN **LATIN 211**

Review of basic grammar and introductory reading of prose, to include Caesar and Pliny. Students with three years of high school Latin may qualify.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Special course fee: $775

ONLINE
Class No 13295

Communication Studies

INTRODUCTION TO COMMUNICATION **COMSTU 100**

This course is designed to provide an introductory survey of the study of communication. The course begins with a general history of the evolution of human communication, andgoes on to examine such areas as definitions, models, and basic concepts in communication; the range of verbal and non-verbal codes, and their complex interrelations in the message systems of modern electronic media; and various communication contexts, with emphasis on the structure and function of interpersonal communication and mass communication, particularly broadcast and cable television.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 13244

ORAL COMMUNICATION **COMSTU 105**

The course focuses on improvement of interpersonal, small group, and public communications skills. Through readings, journals, class discussions and activities, we explore the following: self-concept and perception, listening and responding, language and non-verbal behaviors, interviewing, problem-solving and decision-making, formal elements of speech-making, the evaluation of one's own and others' public messages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-052
Class No 6657

USING INTERNET COMMUNICATION **COMSTU 210**

Using Internet Communication enhances students' theoretical understanding of electronic communication and their ability to communicate as professionals, scholars, and citizens using the Internet. Participants learn core communication theoretical models and principles, and apply them to electronic communication methodologies that enhance interpersonal, small group, and public interactions. These methodologies include electronic meetings, discussion forums, co-authoring tools, audio, and video.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 6658

Computer Science

COMPUTER PROGRAMMING FOR ENGINEERS **CS 109**

An introduction to computer programming for engineering students. This course is not intended for computer science majors. Credit will not be given for both CS 109 and CS 110.
Prerequisite: MATH 130.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $775, Lab fee: $50

ONLINE
Class No 13278

PROGRAMMING IN C **CS 240**

C programming for students with prior knowledge of some high-level language (e.g., one semester of Pascal, Smalltalk, etc.). The course treats C both as a machine level language and as a general purpose language; it covers number representation, masking, bitwise operations and memory allocation, as well as more general topics such as dynamic data structures, file i/o, separate compilation, program development tools, and debugging.
Prerequisite: CS 110 or CS-IT 115.
Corequisite: CS 210r.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Special course fee: $775, Lab fee: $50

ONLINE
Class No 13279

Criminal Justice

CRIMINOLOGY **CRMJUS 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social & Behavioral Sciences.
Distribution II Area: Social & Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-124
Class No 13277

RACE AND ETHNIC RELATIONS **CRMJUS 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social & Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6667

METHODS OF SOCIOLOGICAL RESEARCH **CRMJUS 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-124
Class No 6668

CORRECTIONS **CRMJUS 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-061
Class No 6669

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY CRMJUS 368L

An in-depth interdisciplinary analysis of the nature, causes and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

BRAINTREE
Th 6:30-9:30pm
Class No 6670

Environmental, Earth & Ocean Sciences

CERTIFICATE PROGRAM: GEOGRAPHIC INFORMATION TECHNOLOGIES

See page 41.

THE GLOBAL ENVIRONMENT **EEOS 101**

An analysis of the physical geographic environment including the globe, the atmosphere and ocean, climate, soils, vegetation, and landform. Positive and negative interaction of human beings with these aspects of the environment is examined where appropriate.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 6678

WEATHER AND CLIMATE **EEOS 225**

This course investigates atmospheric processes forming the basis for weather patterns and climatic development on a global scale. Major topics include earth-sun relationships, heating and cooling of the atmosphere, atmospheric circulation, pressure patterns, air mass formation and frontal systems, vertical zonation of climate, and the Koppen System for evaluating and classifying climatic phenomena.
Prerequisite: 30 credits.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-009
Class No 6679

Economics

INTRODUCTION TO MICROECONOMICS **ECON 101**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on the functioning of markets and on examining the behavior of individual economic units such as the business firm and the consumer (microeconomics). Other areas of emphasis vary from section to section and may include industrial organization, income distribution, international trade, economics of the environment, and other topics.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 6681

ONLINE
Special course fee: $775
Class No 6682

INTRODUCTION TO MACROECONOMICS **ECON 102**

A broad introductory survey in which special attention is given to the role of economic principles in analyzing and understanding current economic problems. Emphasis is placed on examining the overall functioning of the economy and on dealing with such matters as unemployment, inflation and recession. Other areas of emphasis vary from section to section and may include economics of government spending and taxation, economic development, alternative economic systems, and other topics.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6683

ONLINE
Special course fee: $775
Class No 6684

English

Note: ENGL 101 and 102 are prerequisites for all English courses above the 100 level. For non-majors, one 200-level English course is prerequisite for all 300- and 400-level English courses. These requirements may be modified or waived for certain courses: see the following course descriptions for such changes. The student who is strongly motivated to take a course for which he or she has not satisfied the prerequisites should contact the instructor for advice and permission.

Students whose first language is not English and who have not previously completed a UMass Boston English or ESL credit course must take a writing placement test before registering for any English or ESL course. For further information, see page 6 ("Diagnostic Testing").

FRESHMAN ENGLISH I **ENGL 101**

English 101 is an introductory course in critical reading and writing that prepares students for working with the complex texts and ideas they will find in their college studies. English 101 teaches students to discover and shape their own perspectives in dialogue with challenging readings. Through carefully sequenced assignments, students are guided through various processes for constructing academic essays that may include journal writing, glossing texts, discussing student papers in class, peer reviewing, and especially revising. Readings and materials vary from section to section.
Note: English 101 satisfies the first half of the College's freshman writing requirements.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-010
Class No 6694

COPLEY
MW 6:00-7:30pm
Class No 6693

FRESHMAN ENGLISH II **ENGL 102**

If English is not your first language, you may be placed into 102E, a course devoted to ESL students. This course, designed for non-native speakers of English, parallels 102 and meets the same graduation requirement. The following description therefore applies as well to 102E. Freshman English 102 is a more advanced course in critical reading and writing than 101; it is intended to help students prepare for their upper-level courses and the Writing Proficiency Requirement. Through sequenced assignments, students learn to sustain inquiries on particular themes or issues and to treat subjects from different perspectives, including their own. Through frequent reading and writing assignments, students learn to analyze the structures of essays and arguments so they are able to develop informed responses to them. As in 101, drafting and redrafting are emphasized. One of the course papers will be a researched essay that builds on course themes and issues.
Note: English 102 and 102E both satisfy the second half of the College's freshman writing requirement. For more detail, see: www.freshman.umb.edu.
Prerequisite: ENGL 101; Degree students only.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-010
Class No 6697

COPLEY
MW 7:30-9:00pm
Class No 6696

FIVE MAJOR BRITISH WRITERS **ENGL 201**

Representative works by five of the most important writers from the fourteenth to the nineteenth century, studied as introductions to philosophical and humanistic studies, explored as reflecting and shaping the leading ideas, assumptions, and values of their ages. Works by Chaucer, Shakespeare, and other authors such as Milton, Swift, and Austen, with films and background lectures on the philosophical and historical contexts of the works and their authors. Instruction in analytical reading and writing is provided.
Prerequisites: See note at beginning of English section.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6698

SIX AMERICAN AUTHORS **ENGL 206**

The achievements of American literature in articulating the American mind are illustrated by works from some well-known American writers-Thoreau, Dickinson, Faulkner, for example-as well as from those who deserve to be better known, such as Frederick Douglass, Kate Chopin, Zora Neale Hurston.
Prerequisites: See note at beginning of English section.
Distribution I Area: The Arts.
Distribution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-055
Class No 13281

INTRODUCTION TO CREATIVE WRITING **ENGL 210**

An introduction to the arts through the medium of writing as well as reading poetry and fiction. Student writing is submitted weekly and discussed in class.
Prerequisites: See note at beginning of English section.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 6699

SHORT STORY **ENGL 324**

A study of the short story, chiefly as a genre of this century. The course traces its development from nineteenth century origins, concentrating its reading on such American and Irish writers as Welty, O'Connor, Cheever, Lavin, Joyce, Hemingway, Montague, and considering as well the statements made by short story writers on the poetics of short fiction.
Prerequisites: ENGL 102 and 200 or 201 or 206.
Distribution II Area: The Arts.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-125
Class No 6700

Environmental Studies

THE NATURE OF ENVIRONMENTAL PROBLEMS **ENVSTY 101**

An introduction to environmental issues and analysis emphasizing comparisons between the sustainable characteristics of ecosystems, both natural and human, and the human impacts on the Earth's life support systems. Topics include human population growth, food production, use of natural resources, pollution, loss of biodiversity, and conservation strategies.
Distribution I Area: Natural Sciences.
Distribution II Area: Natural Sciences.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6701

French

ELEMENTARY FRENCH I **FRENCH 101**

Practice in the four language skills, with concentration on an audio-lingual approach, for students who have no creditable training in French. Includes an introduction to French and francophone culture. Weekly laboratory attendance and assignments required.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Course fee: $820, Lab fee: $25

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-020
Class No 6702

History

FOUNDATIONS OF WESTERN CIVILIZATION **HIST 111**

A survey of the political, cultural, social, and economic history of Western society from antiquity until 1715. Emphasis is given to the critical analysis of primary sources.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-064
Class No 6705

MODERN WESTERN CIVILIZATION **HIST 112**

This course traces the major political, economic, and cultural changes which have shaped Western society from the Enlightenment to the present. Emphasis is given to the critical analysis of primary source materials.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6706

MODERN WORLD HISTORY II **HIST 114**

History of modern Western industrial societies and the non-Western world, 1800-present.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-047
Class No 6707

AMERICAN HISTORY BEFORE 1877 **HIST 165**

Introduces students to the study of American history before 1877. The subject matter encompasses virtually all aspects of American society. The interrelationship among social structure, economic development, everyday life, culture, and formal politics is explored throughout the course. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-044
Class No 6708

AMERICAN HISTORY AFTER 1877 **HIST 166**

A survey of American history from 1877 covering the nature of American social structure, economic development, everyday life, culture, and formal politics. Attention is given to the nature of historical inquiry and the development of writing skills.
Distribution I Area: Historical and Cultural Studies.
Distribution II Area: Humanities.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6709

CLASSICAL ARCHAEOLOGY **HIST 303**

A survey of Greek archaeology and history from the Bronze Age through the Classical Era. Introduction to the methods and aims of archaeology. The course begins with the Minoan and Mycenaean eras. The Dark Age and emergence of the full Hellenic era is treated, with emphasis on the city-states of the Greeks.

3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-046
Class No 13283

EUROPE 1900-1945 **HIST 315**

Political, social and intellectual history of Europe from 1900 to 1945. Emphasis on the origins of the World Wars, European totalitarianism, the Great Depression and inter-war societies.

3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 13282

MODERN IRISH HISTORY FROM 1800 TO THE PRESENT **HIST 339**

This course examines the forces and movements in the development of Irish Nationalism from 1800 to the achievement of national independence. The course also explores the history of an independent Ireland.

3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 6710

Linguistics

ELEMENTARY AMERICAN SIGN LANGUAGE I **LING 151**

This course provides an introduction to American Sign Language with an emphasis on receptive skills, vocabulary, and grammar; it also introduces the linguistics of ASL. In addition, through readings, guest speakers, and videotapes, the course seeks to help students develop their awareness of issues important to the Deaf community.

Distribution I Area: Foreign Languages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-123
Class No 6719

Management

INTRODUCTION TO BUSINESS **MGT 130**

Familiarizes students with the nature of business and its relationship to other institutions in society. The course examines business ownership, organization, management, marketing, human resources management, production, and finance. In addition, the course explores issues in the relationships between capitalism and business, the law and business, and government and business.

3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 13229

ONLINE COURSE
ONLINE
Special course fee: $775
Class No 13230

Management Science and Information Systems

CERTIFICATE PROGRAM: FUNDAMENTALS OF INFORMATION TECHNOLOGY

See page 41.

INTRODUCTION TO INFORMATION SYSTEMS **MSIS 105**

Introduces computers, information systems, and their use in society for students with minimal prior knowledge in this area. Topics includes overviews of current information technology concepts and components, the Internet, and productivity software tools. The course offers an extensive hands-on component in the use of current technology. This course cannot be counted toward the management information systems or management science concentration in the College of Management.

3 Credits, Course fee: $615

COPLEY
MW 6:00-7:30pm
Class No 13298

PLYMOUTH
TuTh 6:30-8:00pm
Class No 13299

INTRODUCTION TO INFORMATION SECURITY **MSIS 123**

This course will present an overview of the threats to your information technology infrastructure and intellectual property, with an emphasis on the detection and prevention of intrusions or theft. The protection of services such as the World Wide Web, file sharing, and e-mail will be analyzed. The vulnerabilities and hardening of major operating systems such as Linux and Microsoft's Windows 2000 will be discussed. The course takes a holistic approach, discussing the technical but focusing on the need for proper training and procedures in the maintenance of an effective yet secure information technology infrastructure. While the material of the course is technical in nature, no systems administration or software development experience is assumed. A good familiarity with the use of the Internet and computers is required, and some knowledge of TCP/IP would be helpful.

3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6729

INTRODUCTION TO VISUAL BASIC.NET **MSIS 124**

This is an introductory course for Visual Basic.NET, an object-oriented, event-driven language that is a subset of the Visual Studio.NET environment. It is designed to provide the beginning Visual Basic programmer with the tools to create Visual Basic applications that conform to well-adopted Windows standards. In addition, it will introduce the students to object-oriented programming concepts, which are key to successful Windows and Web-based development efforts. While students are expected to have familiarity with basic Windows 95, Windows 98, or Windows 2000 concepts, little or no programming experience is required.
3 Credits, Special course fee: $775

ONLINE
Class No 6730

MANAGERIAL DECISION MAKING **MSIS 212**

Provides the student with knowledge of more advanced decision making tools building upon the skills developed in MSIS 110 and MSIS 111. The emphasis of this course is on using management information systems and quantitative analysis tools to improve the quality of managerial decision making. Topics include decision theory and analysis, optimization, simulation, and forecasting. Students use advanced functions in spreadsheet packages and decision support software for analysis of practically oriented problems in various management setting.
3 Credits, Special course fee: $775

ONLINE
Class No 15206

Marine Studies

To register for either of the courses below, you must first call the Marine Studies Consortium (see page 53) to get a UMass Boston schedule number. This will allow you to register at UMass Boston. Courses may have a waiting list. For schedule numbers and wait listing, call the Consortium at 781-444-3643 or email Roger Stern at rstern@jhu.edu.

WATER RESOURCES PLANNING AND MANAGEMENT **INTR-D 107Z**

This course is a comprehensive introduction to the economics and ecology of water supply and water pollution control. Topics include watershed management, groundwater and wetlands protection, wastewater treatment and coastal zone management. The inherent difficulty in applying static laws and regulations to a dynamic natural resource such as water is a recurring theme in the course. Strongly recommended for students interested in environmental management. No prerequisites.
3 Credits, Course fee: $615

BRANDEIS UNIVERSITY
Sept 7-Dec 7, Th 6:10-9:10pm
To register: See note above

INTRODUCTION TO MARINE MAMMALS **INTR-D 108Z**

This course explores the biology and natural history of marine mammals in the North Atlantic, including whales, dolphins and seals. Topics include evolution, anatomy, behavior, field identification, the history of whaling and contemporary whaling issues. Demonstration laboratory work will focus on a small marine mammal. One Saturday field trip on Massachusetts Bay is required. Prerequisites: general biology.
3 Credits, Course fee: $615

NORTHEASTERN UNIVERSITY
Sept 7-Dec 7, Th 4:30-7:30pm
To register: See note above

Mathematics

PREPARATORY WORK

Any student who intends to take a mathematics course at or below the level of MATH 140 (Calculus I) must furnish proof to the department that he or she is prepared for that course. The required proof is successful completion of the appropriate math placement test (see Diagnostic Testing, page 6).

COLLEGE ALGEBRA **MATH 115**

Designed primarily but not exclusively for students seeking a stronger foundation in algebra before taking Math 129 or Math 130. Topics include basic algebra concepts, linear equations and inequalities and inequalities, properties of functions, linear and quadratic functions, absolute value equations and inequalities, systems of equations.
Prerequisite: MATH 099 or 125 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:15pm, W-1-064
Class No 6721

INTRODUCTORY STATISTICS **MATH 125**

Topics include introductory statistics, covering descriptive statistics; introductory probability sufficient to enable development of inferential statistics; and inferential statistics.
Prerequisite: MATH 099 or 114Q or 115 or 124 or 129 or 130 or 140 or appropriate scores on the Math Placement Test.
Distribution I Area: Mathematics and Computer Languages.
Distribution II Area: Mathematics.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:30pm, W-1-047
Class No 6723

COPLEY
Th 6:00-9:15pm
Class No 6722

PRECALCULUS **MATH 130**

Preparation for first year calculus. Covers symmetry, graphs, functions, lines, parabolas and max-min problems, exponential and logarithm functions, exponential growth, semilog graphing, and the trigonometric functions and their inverses. Qualified students should enter Math 140 without taking this course.

Note: No student receives graduation credits for MATH 130 if it is taken after successful completion of any higher math course. Students who have successfully completed MATH 130 may not subsequently take MATH 129 for credit. Students may take MATH 130 after MATH 129 only with explicit permission of the department, and then only for two credits.

Prerequisite: Appropriate scores on the Math Placement Test.

Distribution I Area: Mathematics and Computer Languages.

Distribution II Area: Mathematics.

3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:30am, W-2-198
Class No 6724

MANAGERIAL CALCULUS **MATH 134**

A one-semester course in calculus, with particular emphasis on applications to economics and management. Topics covered include limits, continuity, derivatives, and integrals. Students may not receive graduation credit for both MATH 134 and MATH 135. Students may take MATH 140 after MATH 134, but only with the explicit permission of the department and then only for two credits.

Prerequisite: MATH 129 or 130 or appropriate scores on the Math Placement Test.

Distribution I Area: Mathematics and Computer Languages.

3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-3:00pm, W-1-047
Class No 6725

Music

AN INTRODUCTION TO MUSIC **MUSIC 111**

Basic music materials, principles of design, and the cultural significance of representative works in historical sequence. Designed primarily for non-music majors.

Distribution I Area: The Arts.

Distribution II Area: The Arts.

3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, M-2-404
Class No 13301

PRIVATE MUSIC LESSONS **MUSIC 185**

Private music lessons at beginning, intermediate and advanced levels are offered in voice, piano, guitar and all orchestral instruments and are open to all students. Students may register for twelve half-hour or twelve one-hour lessons; all options bear one academic credit. Lesson times are arranged between student and instructor. For further information, contact the Performing Arts Department at 617.287.5640 or visit the CCDE Registration Center.

Note: Waivers may not be used for MUSIC 185.

The registration deadline for MUSIC 185 is September 12. No late registrations will be accepted.

COURSE FEES:
Twelve half-hour lessons: $340, 1 Credit
Twelve one-hour lessons: $680, 1 Credit

MUSIC 185A: FLUTE

Half-hour lessons	One-hour lessons
Class No 6731	Class No 6732

MUSIC 185B: BASS

Half-hour lessons	One-hour lessons
Class No 6733	Class No 6734

MUSIC 185C: CLARINET

Half-hour lessons	One-hour lessons
Class No 6735	Class No 6736

MUSIC 185D: DRUMS

Half-hour lessons	One-hour lessons
Class No 6737	Class No 6738

MUSIC 185E: GUITAR

Half-hour lessons	One-hour lessons
Class No 6739	Class No 6740

MUSIC 185F: PIANO

Half-hour lessons	One-hour lessons*
Class No 6743	Class No 6744

*Requires permission of department (call 617.287.6980)

MUSIC 185G: SAXOPHONE

Half-hour lessons	One-hour lessons
Class No 6751	Class No 6752

MUSIC 185H: VIOLIN

Half-hour lessons	One-hour lessons
Class No 6753	Class No 6754

MUSIC 185I: VOICE

Half-hour lessons	One-hour lessons
Class No 6759	Class No 6760

MUSIC 185J: TRUMPET

Half-hour lessons	One-hour lessons
Class No 6765	Class No 6766

MUSIC 185K: CELLO

Half-hour lessons	One-hour lessons
Class No 6767	Class No 6768

MUSIC 185L: TROMBONE

Half-hour lessons	One-hour lessons
Class No 6769	Class No 6770

MUSIC 185M: ORGAN

Half-hour lessons	One-hour lessons
Class No 6771	Class No 6772

MUSIC 185N: VIOLA

Half-hour lessons	One-hour lessons
Class No 6773	Class No 6774

MUSIC 185O: OBOE

Half-hour lessons	One-hour lessons
Class No 6775	Class No 6776

MUSIC 185Q: HORN

Half-hour lessons	One-hour lessons
Class No 6777	Class No 6778

MUSIC 185R: BASSOON

Half-hour lessons	One-hour lessons
Class No 6779	Class No 6780

MUSIC 185S: ACCORDION

Half-hour lessons	One-hour lessons
Class No 6781	Class No 6782

UNIVERSE OF MUSIC **MUSIC 248**

An introduction to the infinite universe of music from its origins to the present, this course investigates the role of instruments, culture, myth and science in the evolution of music. Illustrations through the medium of the World Wide Web present the concept of music as both communication of ideas and expression of feelings in diverse musical traditions of the world.
Distribution I Area: The Arts.
Distribution II Area: The Arts.
Diversity Area: International.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6783

Nursing

DEGREE PROGRAM: BS IN NURSING FOR REGISTERED NURSES
See page 40.

PROFESSIONAL ISSUES IN NURSING **NURSNG 360**

As the first nursing course in the RN-to-BS program, this course is designed to assist registered nurses to develop the skills necessary for university-level study and to explore issues that significantly influence the professional nursing practice. The course is also an intermediate seminar in the university's General Education curriculum. As such, it places special emphasis on critical reading, writing, and thinking skills.
Prerequisite: Nursing students only.
6 Credits, Special course fee: $1,550

ONLINE COURSE
ONLINE
Class No 6784

HEALTH ASSESSMENT AND PROMOTION **NURSNG 361**

This course focuses on the complete health assessment, the nursing process, and its relationship to the prevention and early detection of disease in clients across the life span. This course introduces processes of health assessment: interviewing, history-taking, and physical assessment. Dominant models, theories, and perspectives are used to explain health behaviors and are considered in relation to evidence-based health promotion and health education strategies. Students are also expected to identify and apply pathophysiological principles to selected health issues across the lifespan. The course includes a laboratory component complemented by self-directed computer-assisted instruction. Incorporated throughout the course is the importance of communication and collaboration across culturally diverse urban populations.
Prerequisite: Nursing students only..
6 Credits, Special course fee: $1,550

ONLINE COURSE
ONLINE
Class No 6786

NURSING RESEARCH AND INFORMATION **NURSNG 362**

This course provides an overview of scientific research and nursing informatics. The course focuses on the interface of theory, research, and electronic technologies used in data acquisition, information management, and knowledge development. Emphasis is placed on ethical, theoretical, and methodological issues raised when studying and documenting the health-related quality of life of urban populations and on the application of electronic networks in multidisciplinary healthcare delivery.
Prerequisite: Nursing students only.
6 Credits, Special course fee: $1,550

ONLINE COURSE
ONLINE
Class No 12518

COMMUNITY HEALTH AND CAP-RN **NURSNG 461**

This course serves as the capstone course for registered nurses. The course enables students to perform complex, comprehensive interventions designed to improve public and community health care in the evolving health care system. Nursing practice is directed toward communicating effectively and working collaboratively with diverse urban communities and healthcare infrastructures to deliver quality, cost-effective, and accessible health across the life span. Students will utilize information technology to generate empirical and theoretical knowledge bases for decision-making, critical thinking, designing, and evaluation of health care programs and outcomes. Students will assess and demonstrate accountability for self-learning needs when engaged in developing and advocating for programs designed to promote the health of vulnerable and other diverse urban populations. Students will complete their senior year pass/fail capstone experience during this course.
Prerequisite: Nursing students only..
6 Credits, Special course fee: $1,550

ONLINE COURSE
ONLINE
Class No 13302

Philosophy

INTRODUCTION TO PHILOSOPHY **PHIL 100**

An introductory examination of the problems and scope of philosophy.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS	COPLEY
S 11:45am-2:45pm, W-1-046	Th 6:00-9:00pm
Class No 13314	Class No 6792

MORAL AND SOCIAL PROBLEMS **PHIL 108**

Important moral and social issues of current concern are examined and debated. The course covers several problems each semester from a list including criminal punishment, war, abortion, racism, violence, the death penalty, private property, sexism, animal rights, the environment, and hunger.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS	COPLEY
S 3:15-6:15pm, W-1-057	Tu 6:00-9:00pm
Class No 6794	Class No 6793

MORAL ISSUES IN MEDICINE **PHIL 222**

Concepts of health, illness and healing, under different paradigms of medicine. Is medicine an art or science? What is the impact of medical technology on human life and death? What is considered "natural"? Attention is given to issues in human reproduction (e.g. in vitro fertilization, conception, abortion). Questions of authority, accountability in doctor-patient relationships, patient advocacy, self-help, right to health care or to refuse treatment. Social and political questions of health care organization.
Distribution I Area: Philosophical and Humanistic Studies.
Distribiution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-057
Class No 13317

MAGIC IN RENAISSANCE THOUGHT **PHIL 281**

In this course, students will explore the surprisingly central role played by magic and other occult themes in the work of major thinkers of the European Renaissance. At a key turning point in the history of Western thought, a revival of ancient Greek, Egyptian, Jewish, and Arab traditions of magic spurred new developments in philosophy, science, religion, and art. Students will investigate these developments, as well as the reaction against them in the great European witchcraft trials of the 16th and 17th centuries.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, Room TBA
Class No 13877

Political Science

AN INTRODUCTION TO POLITICS AND POLITICAL SCIENCE **POLSCI 101**

This course introduces and explores the conceptual vocabulary of politics. Though concerned with problems of political theory, it is designed not for theorists but for anyone who thinks, talks, or worries about the public world. A series of brief case studies will be used to show how real-world outcomes are affected by our political ideas and assumptions.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-063
Class No 6795

GOVERNMENT AND POLITICS OF THE UNITED STATES **POLSCI 102**

An introduction to the structures, processes, and results of the American governmental system. The course focuses on the national government and national political behavior, although state, regional, and local structures and issues are also introduced. Topics include institutions of government, political principles and ideologies, public opinion, political socialization, political parties, mass media, elections, interest groups, civil rights and civil liberties, public policies and policy making.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 6797

COMPARATIVE POLITICS OF TRANSITIONAL SOCIETIES **POLSCI 202**

Introductory survey of political systems in non-industrialized nations, drawing on examples from Latin America, Africa, and Asia. Course content focuses on the nature of the development process and the evolution of political institutions and practices.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-063
Class No 6798

INTERNATIONAL RELATIONS **POLSCI 220**

This course focuses on basic patterns and concepts which explain interactions among nations. Special attention is given to the role of ideologies, international organizations, conflict resolution, the impact of multinational corporations, underdevelopment, the international dimension of human rights, ethnic, "racial," religious, and gender differences, and the dynamics of globalization.
Distribution I Area: Social and Behavioral Sciences.
Diversity Area: International.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 6800

ONLINE
Special course fee: $775
Class No 6801

POLITICAL PARTIES **POLSCI 311**

The American political process, with emphasis on political parties, pressure groups, and public opinion.
Prerequisite: Junior standing.
3 Credits, Special course fee: $775

ONLINE
Class No 13318

POLITICAL ECONOMY I **POLSCI 312**

This course is designed to introduce the undergraduate student to competing paradigms in economic thought and public policy. The course begins with a brief overview of the historical, philosophical, and psychological roots of political economy. It continues with an inquiry into conservative, liberal, and radical political economic perspectives. It concludes by applying these three perspectives to policy questions concerning economic development and income distribution.
3 Credits, Special course fee: $775

ONLINE
Class No 15101

SEMINAR: AFRICA AND WORLD POLITICS I **POLSCI 486**

Intensive study of the newly independent states of Africa and their impact on world affairs.
3 Credits, Special course fee: $775

ONLINE
Class No 15102

Psychology

INTRODUCTORY PSYCHOLOGY **PSYCH 100**

A general survey of selected content areas in psychology, including personality and human development, physiological psychology, learning, intelligence, heredity and environment, and motivation and emotion.
Note: Students who have already earned credits for PSYCH 101 may not register for this course.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-009
Class No 6804

COPLEY
Tu 6:00-9:00pm
Class No 6803

INTRODUCTION TO BEHAVIORAL RESEARCH **PSYCH 102**

An introduction to the ways of discovering, describing, and making warranted assertions about aspects of people and social life. The chief objectives are 1) to help students develop the skills and knowledge necessary to become intelligent critics of research in the behavioral and social sciences, and 2) to give them a rudimentary understanding of the design and evaluation of scientific research. Statistical material is treated in a conceptual manner. Classroom work and course examinations concentrate equally on research design and research evaluation.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-057
Class No 6806

PERSONALITY **PSYCH 200**

Conceptions of human nature are examined in light of various theories of personality. This course focuses on the theories of Freud, Adler, Sullivan, Erikson, Kelly, Ego psychologists, and other theorists presenting the behavioristic and humanistic perspectives. Among the topics to be addressed are personality structure and its development; stress and coping; neurotic styles; and human motives and their measurement.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-047
Class No 6807

ABNORMAL PSYCHOLOGY **PSYCH 215**

This course examines the range of common psychological disorders, their characteristic symptoms, possible causes, and treatment. It takes a critical scientific approach to the criteria used to define psychological abnormality, the theories used to explain it, and the therapies used to treat it. Etiology, dynamics and treatment of psychopathology.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-009
Class No 6808

INFANCY AND CHILDHOOD DEVELOPMENT **PSYCH 241**

This course explores human development from infancy to middle childhood, i.e., from childbirth to ages seven or eight. Major emphasis will be placed on early perceptual, cognitive, social and affective development bearing the following questions in mind: How does the world of space and objects appear to the infant? How does he or she acquire knowledge and discover reality? How does the child experience the world of people and develop a sense of self? How does the child develop attachments to others and what role is played by the significant people in his or her life?
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 13319

LEARNING AND MEMORY **PSYCH 250**

An introduction to current view of behavioral change, learning, and remembering. The course focuses on concepts, theoretical issues and applications of current research.
Prerequisite: PSYCH 100 or 101.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-064
Class No 6810

PSYCHOLOGICAL TRAUMA: INDIVIDUAL AND SOCIETY **PSYCH 315**

This course explores the theory, research, and phenomenology of response to such traumatic events as combat, rape, and concentration camp survival. It examines the normative psychological processes, common symptom picture, and the developmental, sociocultural, and personality factors that influence response. Discussions also focus on present and past controversies within the research, and on the personal, social, and professional implications of the material.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 6812

GROUP DYNAMICS **PSYCH 333**

An examination of small group behavior from a theoretical and empirical perspective. The group is viewed as a system functioning in a number of environments—physical, personal, social, and task. Each of these interrelated environments influences various aspects of group process. Thus leadership, power, conformity, status, goals, etc., are considered as interrelated processes of social interaction.
Prerequisite: Psych 230.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-063
Class No 13321

THE FAMILY AND THE CHILD: A PSYCHOLOGICAL VIEW **PSYCH 341**

The role of the family in the psychological development of the child. A psychodynamic view of the family, examining stages of development from the third trimester of pregnancy to sixteen years of age.
Prerequisite: Psych 241.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-041
Class No 6814

Study of Religion

SOCRATES, JESUS, BUDDHA **RELSTY 104**

A study of three great paradigmatic figures and the different ways of life and views of reality which they represented. Attention to the social-cultural contexts in which they emerged; critical evaluation of Socrates and Jesus as sources of Western values; and exploration of why the Buddha has recently become an attractive alternative.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

COPLEY
M 6:00-9:00pm
Class No 13322

SYMBOL, MYTH, RITUAL: CULTURAL STUDIES IN RELIGION **RELSTY 109**

This course studies myths, symbols, rituals, and other dimensions associated with religion. These dimensions, however, also appear outside religion-e.g., in popular movies, fashion, sports and music. The course will explore these "religious" dimensions as they appear in both arenas, by applying some major theories of religion (e.g., Freud, Durkheim and Eliade) as well as the tools of cultural analysis.
Distribution I Area: Philosophical and Humanistic Studies.
Distribution II Area: Humanities.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-058
Class No 13323

SPECIAL TOPIC: INTELLIGENT DESIGN **RELSTY 280**

The appeal of arguments for Intelligent Design is that they can proceed not from scripture or dogma but from ordinary experience of the world – asking us first to look at what is around us, then investigate what we see. Are there patterns? Is there structure? Does what we see look rational? This course will investigate Intelligent Design as a focus to the history of Religion and Science, and will consider implications for professions in both the liberal arts, but also biological, engineering, statistical, and physical sciences, and the creative arts.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 13324

Sociology

INTRODUCTION TO SOCIOLOGY **SOCIOL 101**

The structure of society, cultural patterns, and group life. The individual and socialization, groups, institutions, social systems, and social change.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

BRAINTREE
Tu 6:30-9:30pm
Class No 6819

COPLEY
Th 6:00-9:00pm
Class No 6820

ONLINE
Special course fee: $775
Class No 6821

SOCIAL PROBLEMS **SOCIOL 160**

A course concentrating on institutional formation and change. Specifically, it covers the definition and explanation of social problems, individual, group and governmental responses to them, implications of social policy, in-depth case studies, and discussion of contemporary social problems.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Special course fee: $775

ONLINE
Class No 6822

YOUTH AND SOCIETY **SOCIOL 201**

An examination of theories and research on youth and society. Present day patterns of youthful development are contrasted to other types-both in Western history and in other cultures. The relationship of youth to major institutions (educational, legal, occupational) are examined in detail.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6823

SOCIAL DEVIANCE AND CONTROL **SOCIOL 261**

This course examines the conditions and processes underlying social conformity and deviance. Discussion topics include social definitions of deviance, societal reactions to deviant behavior, deviant subcultures, and social control processes.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-045
Class No 13325

CRIMINOLOGY **SOCIOL 262L**

A general survey and analysis of adult crime. Attention to historical development of criminological thought, societal reaction to crime, and behavioral systems. Emphasis on theories of criminality and issues in the administration of justice by police and courts.
Prerequisites: SOCIOL 101 and CRMJUS major or minor.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-2-124
Class No 13328

SOCIETY AND THE INDIVIDUAL **SOCIOL 281**

Basic survey of the social environment of individuals and its impact on psychological processes.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
3 Credits, Course fee: $615

COPLEY
W 6:00-9:00pm
Class No 13329

FAMILY VIOLENCE **SOCIOL 316**

This course seeks to help participants develop a critical understanding of force and violence within the family structure. Emphasis is on violence between spouses, and between children and parents; and on the prevalence, the character, and the causes of such violence. Topics also include society's reaction to family violence, and its policies of control and treatment; and the sexual abuse and exploitation of children and women.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-045
Class No 6824

RACE AND ETHNIC RELATIONS **SOCIOL 321L**

An examination of racial and ethnic relations in contemporary society, including the history and sociology of the immigration experience, bilingual education, the nature and character of discrimination, neighborhood change, and racial and ethnic conflict.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $615

COPLEY
Tu 6:00-9:00pm
Class No 6815

ELEMENTS OF SOCIOLOGICAL THEORY **SOCIOL 341**

Reading and discussion of basic sociological works in theory. Relevance of earlier and contemporary sociological interests and research.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-1-045
Class No 6825

METHODS OF SOCIOLOGICAL RESEARCH **SOCIOL 351L**

Design of sociological research and methods of inquiry. Organization and analysis of data, development of research projects.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-2-124
Class No 6816

JUVENILE DELINQUENCY **SOCIOL 362**

The nature and extent of delinquency. Consideration of theories, delinquent subculture, and programs for control and prevention.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.
3 Credits, Course fee: $615

COPLEY
Th 6:00-9:00pm
Class No 13331

CORRECTIONS **SOCIOL 363L**

Prisons, jails, parole, and probation. Attention to inmate social structure, and philosophy underlying the correctional system and modern treatment approaches.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 3:15-6:15pm, W-1-061
Class No 6817

DRUGS AND SOCIETY **SOCIOL 367**

This course examines the social origins and consequences of the use and abuse of consciousness-altering substances (including alcohol). It considers how society defines and deals with drug use and assesses social harm, including such issues as addictions and health effects, drugs and crime, the legislation debate, and drug policy and enforcement.
Prerequisites: SOCIOL 101 and in one of the following programs: SOCIOL, PSYSOC, CRMJUS, ALCSUB.Distribution II Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE
Class No 6826

ALCOHOLISM: ETIOLOGY AND EPIDEMIOLOGY **SOCIOL 368L**

An in-depth interdisciplinary analysis of the nature, causes, and extent of alcoholism and problem drinking. Analysis of drinking patterns and drinking problems cross-culturally and among subgroups in the population such as women, prison inmates, the elderly, and homeless people.
3 Credits, Course fee: $615

BRAINTREE
Th 6:30-9:30pm
Class No 6818

Spanish

CERTIFICATE PROGRAM: SPANISH COURT INTERPRETATION

See page 42.

CERTIFICATE PROGRAM: SPANISH/ENGLISH TRANSLATION

See page 42.

ELEMENTARY SPANISH I **SPAN 101**

Designed for students with little or no background in the Spanish language. Spanish 101 focuses on the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Note: Students may not take both SPAN 101 and 105.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Special course fee: $980, Lab fee: $25

ONLINE
Class No 6828

ELEMENTARY SPANISH II **SPAN 102**

A continuation of Spanish 101. Spanish 102 focuses on furthering the acquisition of basic listening, speaking, reading, and writing skills within a cultural framework. Weekly laboratory attendance and assignments required.
Note: Students may not take both SPAN 102 and 106.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
4 Credits, Special course fee: $980, Lab fee: $25

ONLINE
Class No 6830

BASIC SPANISH FOR COMMUNICATION I **SPAN 105**

A practical approach to the study of the Spanish language: carefully sequenced grammar within a communicative and cultural framework.
Note: Students may not take both SPAN 101 and 105.
Prerequisite: The instructor reserves the right to place you in the appropriate course level.
Distribution I Area: Foreign Languages.
Distribution II Area: World Languages.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-055
Class No 6831

Technical Education

SEMINAR FOR THE BEGINNING VOCATIONAL TECHNICAL TEACHER **OCC ED 218**

This course prepares the new vocational technical educator candidate for his/her first teaching assignment. The course will identify the characteristics of an effective teacher as well as provide some of the tools required by first year teachers to be successful. These include techniques for establishing effective classroom routines and procedures, student instruction and assessment, and for maintaining a positive classroom/laboratory climate that conveys high expectations. In addition, students learn to identify the elements of a course/program curriculum and learn how to develop a lesson plan, assign and grade homework and collaborate with colleagues to improve instruction, assessment and student achievement.
3 Credits, Course fee: $615

ANDOVER
M 4:00-6:30pm
Class No TBA

FRAMINGHAM
Tu 4:00-6:30pm
Class No TBA

FRANKLIN
W 3:00-5:30pm
Class No TBA

NEW BEDFORD
M 3:00-5:30pm
Class No TBA

PLYMOUTH
W 4:00-6:30pm
Class No TBA

WAKEFIELD
W 5:00-7:30pm
Class No TBA

MANAGING STUDENT BEHAVIOR AND CREATING A HEALTHY AND SAFE ENVIRONMENT **OCC ED 219**

This course is designed to prepare vocational technical teachers to organize an instructional area that is conducive to high quality learning in a healthy and safe environment. A variety of discipline concepts and strategies will be presented for application in the laboratory, related classroom and cooperative education sites. Current relevant OSHA and child labor law standards will be reviewed and plans for a comprehensive health and safety program will be developed.
3 Credits, Course fee: $615

PLYMOUTH
M 4:00-6:30pm
Class No TBA

WAKEFIELD
M 5:00-7:30pm
Class No TBA

TEACHING METHODS FOR VOCATIONAL-TECHNICAL EDUCATION: INSTRUCTIONAL STRATEGIES **OCC ED 220**

This course provides vocational-technical teachers with a wide variety of researched-based teaching methods and instructional strategies. Students in this course learn how to develop a unit of study and how instructional choices made by the vocational-technical educator are influenced by learning styles, motivation, and expectations. Students learn how to integrate vocational-technical and academic content by using a balanced instructional approach.
3 Credits, Course fee: $615

PLYMOUTH
W 4:00-6:30pm
Class No TBA

WAKEFIELD
Tu 5:00-7:30pm
Class No TBA

DEVELOPING AND IMPLEMENTING A STANDARDS-BASED CURRICULUM **OCC ED 222**

This course provides vocational technical educator candidates with the knowledge of the elements of a quality curriculum. Students learn how to develop a vocational technical curriculum and a competency-based student reporting system that incorporates the standards and performance indicators of the Academic and Vocational Technical Curriculum Frameworks.
3 Credits, Course fee: $615

PLYMOUTH
W 6:30-9:00pm
Class No TBA

WAKEFIELD
Tu 7:30-10:00pm
Class No TBA

ONLINE
Special course fee: $775
Class No TBA

Women's Studies

WOMEN AND SOCIETY **WOST 100**

This interdisciplinary course examines how gender interacts with social institutions such as the family, education, the media, organized religion, law and government, and how that interaction shapes human behavior. Students will learn to address controversial issues raised by the feminist movement, and to relate these to their own lived experiences in meaningful and productive ways.
Distribution I Area: Social and Behavioral Sciences.
Distribution II Area: Social and Behavioral Sciences.
Diversity Area: United States.
3 Credits, Course fee: $615

UMASS BOSTON CAMPUS
F 6:00-9:00pm, W-2-127
Class No 6847

WOMEN, WORK AND STRESS **WOST 181**

An introductory level mini-course, which examines the relationships between women's paid and unpaid work experiences and their well-being. Drawing on material from medicine, psychology, sociology, literature and history, the course critically explores the concepts of stress, stress management, sex roles, work, wellness, and wholeness. Students are encouraged to study and evaluate their own work settings and experiences.
2 Credits, Course fee: $410

UMASS BOSTON CAMPUS
Sept 9-Oct 28
S 11:45am-2:45pm, W-2-123
Class No 6848

WOMEN AND ADDICTION **WOST 182**
This course examines the relationships between women's social roles and status and their experiences with addiction and substance abuse problems. Medical, sociological, psychological and literary materials are reviewed. The social forces that produce "addictions" and the impact of family and community addiction problems upon the lives of women are also discussed, as are approaches to reducing the harmful impact of addictions.
1 Credit, Course fee: $205

UMASS BOSTON CAMPUS
Nov 4-Dec 9
S 11:45am-2:45pm, W-2-123
Class No 6849

EDUCATING WOMEN **WOST 240**
This course studies the lives and ideas of women in the US who have been educators and activists in struggles for equality in, and transformation of, education. Central themes include how women students learn; education as a means of self-realization and empowerment for women in different ethnic, race, and class contexts; how gender affects experiences in educational institutions.
Distribution I Area: Historical and Cultural Studies.
Diversity Area: United States.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 13340

WOMEN'S HEALTH CARE **WOST 260**
This course focuses on women's concerns in relation to health. Topics include health issues unique to women (such as birth control, pregnancy, childbearing); nutrition; occupational health; health and aging; women as health workers; and the history, activities, and influence of the women's health movement.
Distribution I Area: Social and Behavioral Sciences.
3 Credits, Special course fee: $775

ONLINE COURSE
ONLINE
Class No 6850

GRADUATE COURSES

Applied Linguistics

DEGREE PROGRAM: MA IN APPLIED LINGUISTICS (ESL CONCENTRATION)
See page 39.

TESTING IN THE BILINGUAL/ESL CLASSROOM **APLING 670**
Students will become familiar with the language proficiency and language maintenance testing, and with other measurement and evaluative procedures needed in the administration and instruction of limited English proficiency students in ESL and bilingual programs.
Prerequisite: APLING MA students only.
3 Credits, Special course fee: $1,000

ONLINE COURSE
ONLINE
Class No 13870

Counseling

DEGREE PROGRAM: MS IN MENTAL HEALTH COUNSELING
See page 39.

DEGREE PROGRAM: MEd IN SCHOOL GUIDANCE COUNSELING
See page 391.

DEGREE PROGRAM: MS IN REHABILITATION COUNSELING
See page 39.

DEGREE PROGRAM: MS IN FAMILY THERAPY COUNSELING
See page 39.

RESEARCH AND EVALUATION IN PSYCHOLOGY **COUNSL 601**
This course examines several research models and strategies with respect to their various rationales and methodologies. Relevant statistical topics are introduced conceptually, especially as they are applied in research about specific academic settings.
3 Credits, Special course fee: $1,000

ONLINE COURSE
ONLINE
Class No 15015

PRINCIPLES OF VOCATIONAL, EDUCATIONAL, AND PSYCHOLOGICAL ASSESSMENT **COUNSL 605**
A survey of standardized tests used in assessing aptitudes, interests, and personality traits. The course covers technical and methodological principles and social, ethical, and legal implications of psychological testing.
3 Credits, Special course fee: $1,000, Lab fee: $30.00

ONLINE COURSE
ONLINE
Class No 15016

COLLABORATIVE CONSULTATION **COUNSL 626**

How do individuals and families interface with larger systems, and how do therapists intervene collaboratively? How do larger systems structure the lives of individuals and families? Relationally-trained practitioners are attempting to answer these questions through collaborative and interdisciplinary, team-focused projects in mental health, education, the law, and business, among other fields. Similarly, scholars and researchers are developing specific culturally responsive models: outreach family therapy, collaborative health care, multi-systemic school interventions, social-justice-oriented and spiritual approaches, organizational coaching, and consulting, among others. This course explores these developments and aims at developing a clinical and consulting knowledge that contributes to families, organizations, and communities within a collaborative and social-justice-oriented vision.

ONLINE
Class No 15105

Critical and Creative Thinking

CERTIFICATE PROGRAM: CREATIVE THINKING AT WORK

See page 43.

CRITICAL THINKING **CRCRTH 601**

This course explores issues about the nature and techniques of critical thought, viewed as a way of thinking aimed at minimizing error and irrationality in our beliefs and attitudes. Views about observation and interpretation, reasoning and inference, and valuing and judging are all considered in this general context, with special reference to questions about how we can help others to develop the skills needed to do these things well, in a variety of educational settings.

Prerequisite: Graduate degree student.

3 Credits, Special course fee: $1,000

ONLINE
Class No 13266

CREATIVE THINKING, COLLABORATION AND ORGANIZATIONAL CHANGE **CRCRTH 618**

Through interactive, experiential sessions and structured assignments students learn critical and creative approaches to working in organizations. Skills addressed include: communication and team-building; facilitation of participation and collaboration in groups; promotion of learning from a diversity of perspectives; problem-finding and solving; and reflective practice. Students apply these skills to situations that arise in business, schools, social change groups, and other organizations with a view to taking initiative and generating constructive change.

3 Credits, Special course fee: $1,000

ONLINE
Class No 13273

Education: Adapting Curriculum Frameworks

CURRICULUM FRAMEWORKS FOR ALL STUDENTS (LEARNING STYLES, ENGLISH LANGUAGE ARTS FRAMEWORK) **CSDEDU 530**

Participants deepen their understanding of the curriculum frameworks and the ways instruction can be designed to include all learners. This course focuses on the design of standards-based programs in English language arts for students with disabilities.

Prerequisite: Graduate students in CSDEDU only.

2 Credits, Special course fee: $650

ONLINE
Sept 11-Oct 21
Class No 6676

CURRICULUM FRAMEWORKS FOR ALL STUDENTS (MATHEMATICS, SCIENCE AND TECHNOLOGY, HISTORY AND SOCIAL SCIENCES) **CSDEDU 540**

Participants continue to develop their understanding of the curriculum frameworks and the ways standards-based instruction can be designed to include all learners. This course focuses on programs in mathematics, science and technology, history, and the social sciences for students with disabilities.

2 Credits, Special course fee: $650

ONLINE
Oct 30-Dec 8
Class No 6677

Education: Boston Writing Project

CENTER FOR PROFESSIONAL DEVELOPMENT

The Boston Writing Project is part of UMass Boston's Center for Professional Development and Leadership in Education (see page 53).

TEACHER AS WRITER **BWPEDU 501**

The focus of the course is improving writing instruction by having teachers actively involved in all phases of the process: prewriting, drafting, revising, and proofreading. Participants will improve their writing skills and learn effective practices for teaching writing. Through journals and reader response methods, participants will integrate composition theories with classroom applications. In writing response groups, they will give and receive feedback for revision. Responding to the works of professional authors, analyzing educational theories, and reflecting on their own frustrations and accomplishments in writing, teachers will reassess their strategies for teaching writing.

Prerequisite: Graduate degree student.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
F 2:30-5:30pm, W-1-019
Class No 13236

WRITING IN THE CONTENT AREAS **BWPEDU 510**

This course is designed to address teachers' growing need to teach writing in specific disciplines. Participants will examine developmental learning theory connecting writing and learning, improve their own writing skills, and learn effective practices for teaching writing. Through journals, writing prompts, and reader response methods, participants will integrate theories with practice. They will examine assessment and evaluation methods for measuring students' progress. Applying their knowledge of the Massachusetts Curriculum frameworks, they will work on interdisciplinary teams to design units of study that reflect the needs of their school contexts and state standards.
Prerequisite: Graduate degree student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
S 8:15-11:15am, W-1-019
Class No 13237

TEACHING AND WRITING POETRY K-12 **BWPEDU 530**

This workshop course allows teachers and pre-teachers to expand their knowledge of poetry and its classroom applications. Based on the National Writing Project model of supporting teachers to explore their own writing process and critical responses, the better to teach their own students, it incorporates ongoing writing response groups to explore new themes, forms, strategies, and models. Teachers will consider how critical theories translate into classroom practice and how developmental theory applies to grade-level expectations. We will become familiar with a wide range of multicultural poems and poets for ages K-adult.
Prerequisite: Graduate degree student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
S 11:45am-2:45pm, W-1-019
Class No 13238

INSTRUCTIONAL COACHING **BWPEDU 597**

In recent years, school districts across the country, especially urban districts, have turned to instructional coaching as an avenue to instructional reform and professional improvement for teachers. This course examines possibilities for one adult to work in a "coaching" capacity with another adult to improve teaching, especially literacy instruction. The course is intended for people who currently work in coaching roles, or who are interested in pursuing a non-administrative role for working with adults in schools to improve instruction in literacy and other disciplines. Course goals include: creating a conception of "coaching" that is appropriate to teaching and teachers; using current research from literacy and multiple fields to inform our notion of "effective coaching"; embodying principles of adult development into instructional coaching; examining methods of coaching; analyzing the role of observation and conversation in coaching. Participants will engage in an individual inquiry to apply the knowledge and principles they are developing through the course.
3 Credits, Course fee: $840

BOSTON LATIN SCHOOL
Sept 19-Dec 12
Tu 4:00-7:00pm
Class No 13871

Education: Teacher Education

COMPUTERS, TECHNOLOGY, AND EDUCATION **EDC G 610**

An introduction to using computers and technology in education. The various uses of computers and technology in education are examined in depth as participants are introduced to a wide variety of K-12 educational software and the Internet, and explore the pedagogical issues raised by the use of computers for students, teachers, and school administrators. These include the consequences for learning; problem solving; organizing data; creativity; and an integrated curriculum. Finally, the course looks at ways in which technology may be used as a tool to facilitate changes in the ways teachers teach and students learn, and ultimately to stimulate reform in education. The course has a field component where students observe computers being used in the classroom.
Prerequisite: Graduate Education Students only. Students in the following (sub)plans must obtain Permission of Instructor: SPED MEd w/o Licensure, MEd w/Initial Licensure, MEd w/Prof Licensure, or Certificate w/Prof Licensure.
3 Credits, Special course fee: $1,000, Lab fee: $10

ONLINE COURSE

ONLINE
Class No 13280

Gerontology

DEGREE PROGRAM: MS IN GERONTOLOGY (MANAGEMENT OF AGING SERVICES TRACK)
See page 40.

CERTIFICATE PROGRAM: MANAGEMENT OF AGING SERVICES
See page 44.

ISSUES IN AGING POLICY **GERON GR 623**

This course introduces students to the development, implementation, and analysis of social policy in the United States on major issues affecting older people. Income security, health care financing, and long-term care receive major attention. Discussions also focus on the programs mandated by the Older Americans Act; and participants examine the major normative, demographic, economic, and political forces that underlie aging policy.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 6-Dec 13
W 6:00-8:30pm, Room TBA
Class No 13874

ECONOMICS OF AGING **GERON GR 626**

This course deals with the economic issues raised by aging populations. It begins by introducing population trends and projections, and provides a primer on microeconomic and macroeconomic concepts and analyses. The course then discusses a range of economic issues and some of the major institutions and elements in our society that play important roles in providing people with income and health security: Social Security, private pensions, private savings, public assistance, work, and retirement. Special attention is paid to problems affecting racial and ethnic minorities, women, widows, and the "old old." Emphasis is also given to the potential for productive aging and for economic relationships across generations.
3 Credits, Special course fee: $1,000

ONLINE
Class No 13875

SERVICE DELIVERY ISSUES IN AGING **GERON GR 650**

This course is concerned with the link between consumers and aging services in setting with well developed formal services. The aim of the course is to provide students with an understanding of the structural problems that underlie the challenges that consumers face in using formal services. The course will cover a wide range of services that older people may need, the complementary relationship between formal and informal services, boundaries issues among service specialties and service professionals, service coordination and integration, and the role of both consumer direction and professional case management in negotiating service systems.
3 Credits, Special course fee: $1,000

ONLINE
Class No 12512

ORGANIZATION AND FINANCING OF AGING SERVICES **GERON GR 660**

The influences of organizational and financial forces upon aging services are analyzed in this course. Various public (federal and state) and private sources of funding are considered. Three sources of public financing-Medicare, Medicaid, and the Older Americans Act-are examined in depth. The relative strengths of public and private funding are examined with attention to both access and quality issues. The implications of both the financing and organizational forces are considered for several major service modalities, including nursing homes, assisted living, home care, and adult day care.
3 Credits, Special course fee: $1,000

ONLINE
Class No 13876

HUMAN RESOURCES AND PERSONNEL MANAGEMENT IN AGING SERVICES **GERON GR 670**

This course is designed to familiarize students with the concepts of human resources management as they are applied in primarily public, non-profit settings. In particular, the course will focus on human resources and personnel management as applied to the aging services field. The examples used in the course will come from organizations such as nursing homes, assisted living facilities, home health agencies, senior centers and councils on aging. Issues to be addressed will include hiring and supervision, performance appraisal, mentoring, career planning, equal employment opportunity, diversity and collective bargaining. Students will examine job design and pay systems, methods of personnel selection and training, issues of productivity and work hours, team building, effects of government regulations on working conditions and personnel administration.
3 Credits, Special course fee: $1,000

ONLINE
Class No 13514

ORGANIZATIONAL THEORY BEHAVIOR AND AGING SERVICES **GERON GR 675**

This course examines the evolution of organizational theory from early principles to current approaches and practices. Students will learn about the structure of organizations including internal and external forces. The course will also explore the current structure of aging services organizations in Massachusetts. Students will research the various levels of aging services organizations and their relationships with federal, state and local government agencies and with other local organizations.
3 Credits, Special course fee: $1,000

ONLINE
Class No 13515

Instructional Design

DEGREE PROGRAM: MEd IN INSTRUCTIONAL DESIGN
See page 40.

CERTIFICATE PROGRAM: INSTRUCTIONAL TECHNOLOGY DESIGN
See page 44.

INTRODUCTION TO INSTRUCTIONAL DESIGN **INSDSG 601**

The goal of this course is to provide new and experienced professionals in both corporate and public sectors with the basic theoretical and practical skills needed to design, deliver and evaluate training. Participants will explore the theories of instructional design through readings and practical applications.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 7-Dec 14
Th 7:30-9:50pm, M-1-201
Class No 13286

ONLINE
Special course fee: $1,000
Class No 13284

THE ADULT AS LEARNER **INSDSG 602**

Students are introduced to the body of knowledge concerning adults as learners. This course focuses on the principles of adult education, learning styles, variables that affect adult learning, motivation techniques, appropriate training methodologies, reinforcement of learning, skill transfer, and measurement procedures for identifying learner characteristics.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 7-Dec 14
Th 5:00-7:20pm, M-1-201
Class No 13285

INFORMATION DESIGN AND VISUAL LITERACY **INSDSG 608**

In this course, students explore the principles of visual literacy and apply them to a variety of instances in instructional design, instructional technology, and information presentation. Topics include the theoretical foundations of visual learning, the role of perception in communication and learning, verbal and visual communications, visual and information design, and the use of visuals in various industries.

Prerequisite: INSDSG 601.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 5-Dec 12
Tu 7:30-9:50pm, M-1-210
Class No 13287

PRODUCTION OF COMPUTER-BASED TRAINING **INSDSG 616**

This course provides an introduction to creating interactive multimedia instruction. The class will use a combination of tutorial lab exercises and assignments so students can gain experience in structuring computer-based training programs, create interactions and integrate media. Digital graphics and audio production techniques will also be included in this course.

3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 7-Dec 14
Th 5:00-7:20pm, Room TBA
Class No 13288

ADVANCED COMPUTER-BASED TRAINING **INSDSG 617**

This course reinforces and builds upon the students' basic knowledge of creating interactive applications. Students will learn how to understand and assess the capabilities of various web-based and multimedia tools, design efficient and structurally sound programs, and deliver multimedia content over various media.

Prerequisites: INSDSG 616.
3 Credits, Special course fee: $1,000

ONLINE
Class No 6712

ASSESSMENT IN THE INSTRUCTIONAL DESIGN PROCESS **INSDSG 618**

This course examines assessment in all phases of the instructional design process including needs analysis and the various stages of formative and summative evaluation. Topics include various types of data, techniques for data gathering, the construction of such instruments as questionnaires, a hands-on review of computer programs, and characteristic issues in the analysis and interpretation of assessment. The course also offers practical experience in the use of representative measures and applications.

Prerequisites: INSDSG 601 and graduate degree student.
3 Credits, Special course fee: $1,000

ONLINE
Class No 13289

INTERPERSONAL SKILLS AND GROUP DYNAMICS **INSDSG 620**

This course introduces students to the body of knowledge governing interpersonal, intrapersonal, and public communication. Through readings and laboratory method, students learn human relations skills for effectiveness in personal and career situations. The course covers topics including perception, listening, conflict resolution, and group dynamics.

Prerequisites: INSDSG 601 and graduate degree student.
3 Credits, Course fee: $840

UMASS BOSTON CAMPUS
Sept 7-Dec 14
Th 7:30-9:50pm, Room TBA
Class No 13290

MANAGING THE TRAINING FUNCTION **INSDSG 630**

This course focuses on the requirements for successfully managing an organization's training function. Areas of concentration include building a training department; managing change and stress; delegating; communicating performance expectations; winning management support; and long-range planning. Classes include small and large group instruction, video, participatory exercises, and case studies.

Prerequisites: INSDSG 601 and graduate degree student.
3 Credits, Course fee: $840.

UMASS BOSTON CAMPUS
Sept 5-Dec 12
Tu 5:00-7:20pm, M-1-201
Class No 13291

ASSESSMENT OF EDUCATIONAL TECHNOLOGIES **INSDSG 650**

This course brings the students' practical experience in computers and multimedia together with the issues of how these technologies get used in the training room. Specifically, students will examine the formative evaluation process for technology-based programs in corporate training and educational programs. By obtaining feedback from representatives of the target audience in the early stages of a product's development, the developer can assure that the courseware meets its stated goals while staying within budget. Formative evaluation plans are now a requirement by most funding sources and corporations. Students will learn these assessment procedures and apply them in a project based on a real-world application.

Prerequisites: INSDSG 601 and graduate degree student.
3 Credits, Special course fee: $1,000

ONLINE
Class No 6714

DESIGN AND INSTRUCTION OF ONLINE COURSES **INSDSG 697**

This course is for instructors, teachers, trainers, or instructional designers who want to explore the critical success factors in designing and delivering online instruction. Through readings, discussion, and various activities, we will examine the pedagogical implications of technology-mediated learning, the dynamics of the virtual classroom, the elements of effective online course design, as well as the tools and technologies available to create and deliver online instruction and to assess student performance. Through group-based and individual project work, we will design and create online lessons. This course will use a range of interactive and collaborative instructional techniques in an effort to provide current or potential online instructors rich firsthand experience of what's it is like to be a student learning in an online environment.

3 Credits, Special course fee: $1,000

ONLINE
Class No 15019

Nursing

CERTIFICATE PROGRAM: GERONTOLOGICAL/ADULT & FAMILY NURSE PRACTITIONER (POST-MASTER'S CERTIFICATE)

See page 44.

ADVANCED PATHOPHYSIOLOGY **NURSNG 614**

This course focuses on the analysis, interpretation, and evaluation of pathophysiological processes throughout the lifespan. Relevant research is integrated into evidenced-based nursing practice.

3 Credits, Special course fee: $1,000

ONLINE
Class No 13304

ROLE OF THE ADVANCED PRACTICE NURSE **NURSNG 631**

The historical development, scope, and functional roles of the advanced practice nurse are analyzed. Students examine the dynamic relationships among professional organizations, health care trends, and health care policy as they influence the need for advanced practice nursing. Emphasis is placed on acquiring the knowledge and skills to assume leadership roles in the health care system. Related health professions theories, research, and opportunities for implementing changes are emphasized. Critical thinking, group dynamics, leadership skills, and role of the APN as educator are studied and modeled in classroom experiences and course assignments.

3 Credits, Special course fee: $1,000

ONLINE
Class No 13305

ADVANCED PHARMACOLOGY **NURSNG 634**

The course focuses on the role of advanced practice nurses in applying pharmacotherapeutics to the management of health and illness in populations at risk for morbidity and mortality. Students acquire advanced knowledge as a foundation for prescribing and monitoring pharmaceutical and alternative therapeutic agents. Emphasis is placed on synthesis of pharmacokinetics and pharmacodynamics principles for the prevention and treatment of acute and chronic illnesses. Evidence-based outcomes, consensus guidelines, and research studies are critiqued. Ethical, legal, and risk-management issues are discussed.

3 Credits, Special course fee: $1,000

ONLINE
Class No 6787

PRIMARY CARE OF ADULTS **NURSNG 639**

Students examine the nursing and health related theory and research applied to the primary care management of adults with episodic and chronic illness. Diagnostic, therapeutic, and pharmacological regimens are examined. Legal, ethical, and health policy issues that impact the delivery of primary health services are integrated. Continued emphasis is placed on developing social cultural sensitivity to the variations in health care needs of urban populations.

3 Credits, Special course fee: $1,000, Lab fee: $25

ONLINE COURSE

ONLINE
Class No 6788

PRIMARY CARE OF FAMILY—PRACTICUM II **NURSNG 680**

Family nursing theory and research are further integrated as students develop competencies in their role as family nurse practitioner. Under the supervision of nurse practitioners and faculty, students manage and coordinate primary care for multicultural urban families experiencing a continuum of health promotion, episodic, and chronic illness problems. The diagnostic, therapeutic, evaluative, consultative, and teaching functions of the nurse practitioner role are examined within a professional, ethical and legal framework. Skills in collaborative interdisciplinary practice are emphasized. Seminar discussions include an exploration of the health policy issues that influence the delivery of health care to underserved urban families and communities.

3 Credits, Special course fee: $1,000, Lab fee: $55

ONLINE COURSE

ONLINE
Class No 6789

Public Affairs

CERTIFICATE PROGRAM: WOMEN IN POLITICS AND PUBLIC POLICY

See page 46.

WPPP: CONTEMPORARY AMERICAN PUBLIC POLICY ISSUES

Fall seminar in the Program for Women in Politics and Public Policy. This course provides an overview of the policy-making process and electoral politics, then examines several central public policy issues of contemporary concern, including homelessness and poverty, health, and environmental issues. Readings from the disciplines of sociology and political science analyze how public policy is shaped both by internal processes of government and by interest-group dynamics.

3 Credits, Special course fee: $1,000

ONLINE COURSE

ONLINE
Class No 15104

Spanish

CERTIFICATE PROGRAM: TEACHING OF SPANISH

See page 46.

PERSPECTIVES ON THE SPANISH-SPEAKING LANGUAGE CLASSROOM **SPAN 503**

This course, taught entirely in Spanish with occasional reading in English, is specifically designed for pre-service and in-service teachers of Spanish. It will examine the various geographic and cultural traditions that make up today's Spanish-speaking worlds. In so doing, the course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Framework for Foreign Languages and the National Standards for Foreign Language Teaching. The course is interdisciplinary. Topics to be studied in depth include issues of national and cultural identity, social life, and cultural production.

3 Credits, Special course fee: $1,000

ONLINE COURSE

ONLINE
Class No 6833

CARIBBEAN BORDERS: LITERATURE AND IDENTITY IN THE HISPANIC CARIBBEAN **SPAN 540**

Designed for pre- and in-service teachers of Spanish, this course examines cultural production and social development in the Hispanic Caribbean. We begin with the cultural dilemma and social implications posed by the "narrative" of Western colonization in the Caribbean, to then survey the major consequences, processes, and repetitive patterns impacting the region. Our main goal will be to historicize and interrogate the creation of a Caribbean cultural discourse. This course will prepare teachers to develop connections between course content and the Massachusetts Curriculum Framework for Foreign Languages and the National Standards for Foreign Language Learning.

3 Credits, Special course fee: $960

UMASS BOSTON CAMPUS
Sept 5-Dec 12
Tu 5:00-7:30pm, Room TBA
Class No 13878

Each of the undergraduate and graduate programs described on pages 39-45 leads to a degree or certificate granted by one of the University's colleges. The requirements for these programs can be fulfilled either entirely or in part through courses offered by the Division of Corporate, Continuing and Distance Education.

These degree and certificate programs serve a multitude of needs for a variety of participants: undergraduate and graduate students, working professionals who need to update or expand their qualifications, and those seeking to pursue a new career path.

Please note that students enrolling in a UMass Boston degree or certificate program pay a one-time Combined New Student Fee of $345. Students will be billed for this fee; it is not charged at the time of course registration.

FINANCIAL AID SERVICES

Through UMass Boston's Office of Financial Aid Services, grants, loans and part-time employment are available to eligible students enrolled in degree and approved certificate programs. Applicants are encouraged to apply early, as funds are limited. Once an application for aid is submitted at www.fafsa.ed.gov, each applicant is considered for all forms of aid available through Financial Aid Services.

All eligible students are considered fairly and equally, without regard to race, color, sex, age, religion, national origin, sexual orientation, disability, or veteran status.

For more information about Financial Aid Services at UMass Boston, please go to our web site at

http://www.umb.edu/students/financial_aid/index.html.

For information about employment opportunities for students, please refer to

http://www.umb.edu/students/employment/.

DEGREE PROGRAMS

- MA in Applied Linguistics (ESL concentration)
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseilng
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology
- Geographic Information Technologies
- Human Service Practice
- Spanish Court Interpretation
- Spanish/English Translation

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks
- Applied Behavioral Analysis
- Critical & Creative Thinking (Focus on Creativity at Work)
- Database Technology
- Dispute Resolution
- Forensic Services
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators
- Gerontological/Adult and Family Nurse Practitioner
- Orientation and Mobility
- Teaching of Spanish
- Teaching of Writing
- Women in Politics and Public Policy

DEGREE PROGRAMS

MA in Applied Linguistics (English as a Second Language Concentration)

AVAILABLE ONLINE

This 30-credit program focuses on the acquisition of English as a second or subsequent language, as well as cross-cultural relationships and interethnic communication. Its interdisciplinary core curriculum includes courses in basic and contrastive linguistics, psycholinguistics, sociolinguistics and cross cultural perspectives, together with courses on teaching methodology for elementary, secondary, and adult education programs. The on-line program will offer a minimum of four courses each semester. Because students' day and time constraints are not an issue for on-line teaching, those offerings will allow students to complete within four semesters of matriculation the ten courses required for the degree. Thirty graduate units are required of all degree candidates.

For more information, email aplingonline@umb.edu.

MS in Family Therapy Counseling

AVAILABLE ONLINE

The Online MEd program in Family Therapy is committed to a vision of strengthening healthy families by preparing ethical and qualified professionals who embrace an inclusive perspective of interconnected systems. The curriculum is comprised of basic professional counseling content and theory and provides a comprehensive framework for learning family therapy. It meets the academic and clinical requirements for accreditation from the Commission on Accreditation for Marriage and Family Therapy Education (COAMFTE). The courses lead students to view families as entities within larger social systems and promote collaborative, inclusive, and integrative systems approaches. The curriculum offers students in the family therapy track an optimal perspective for supporting individuals, families, and communities in urban environments, and provides them with a framework for developing skills to facilitate dialogue with marginalized individuals, families, and communities. Courses are completed online over a 3-year period; during the second summer, two on-campus courses are completed, lasting two weeks.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Mental Health Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Mental Health Counseling primarily online. It is a 60-credit master's which meets the academic requirements for licensure in the state of Massachusetts as a Mental Health Counselor (there are additional post graduate clinical experience requirements for licensure). Students complete a series of general counseling courses and courses specific to mental health counseling. In addition, students complete field experiences in mental health settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Rehabilitation Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in Rehabilitation Counseling primarily online. It is a 60 credit master's which meets the academic requirements for national certification as a Certified Rehabilitation Counselor. The Program is nationally accredited through the Council on Rehabilitation Education. Students must attend a two week session in late June and early July where they take two clinically based courses. Also, students complete a series of general counseling courses and courses specific to rehabilitation counseling. In addition, students complete field experiences in rehabilitation counseling settings through practicum and internship. The field experiences may be completed in local agencies of program students and they will supervised via online chats. Scholarships are available for qualified students.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MEd in School Guidance Counseling

AVAILABLE ONLINE

The Department of Counseling and School Psychology is offering a master's degree in School Guidance Counseling primarily online. It is a 60-credit master's which meets the academic requirements for certification in the state of Massachusetts as a Guidance Counselor. Students complete a series of general counseling courses and courses specific to guidance counseling. In addition, students complete field experiences in school settings through practicum and internship. The field experiences may be completed in local schools of program students and they will be supervised via conference calls and online chats.

For more information, contact Amy Cook at 617.287.7661 or email medcounseling@umb.edu.

MS in Gerontology (Management of Aging Services Track)

AVAILABLE ONLINE

The Management in Aging Services Track offers students an advanced degree in the growing field of long-term care. This is a new program that will afford professionals in the aging network the opportunity to broaden their perspectives and develop management skills. Students will develop skills in policy development and analysis, program management, administration, and finance with a focus on the aging population. The program requires 30 credit hours, or 10 courses (eight required courses and two electives). Courses will be offered either online or in interactive television (ITV) format. A graduate certificate may be earned by taking 15 hours of relevant course work.

For more information about the program and admissions requirements, email ellen.birchander@umb.edu or lillian.glickman@umb.edu.

MEd in Instructional Design

AVAILABLE ONLINE

UMass Boston's MEd Program in Instructional Design offers a practical master's degree that is ideal for career professionals engaged in the education, training, and development of adult learners in the workplace. The 36-credit program combines a total of 12 courses and submission of a thesis or capstone project. An independent study and a field experience may be included. Students complete 5 required courses and choose electives from other offerings within the program or from a wide range of graduate offerings throughout the university.

For more information, contact Dennis Maxey (tel. 617.287.5980; email dennis.maxey@umb.edu).

BS in Nursing for Registered Nurses

AVAILABLE ONLINE

The online Bachelor of Science in Nursing for RN's maximizes accessibility and convenience for highly motivated, independent professionals. There is, however, a requirement that students attend a residential orientation prior to the commencement of the online Nursing classes; additional residential time is required for four hours during the Health Assessment and Promotion course. Students from out of state should contact the program office to discuss arrangements for completing these requirements at a distance. The Nursing course portion of the program operates on a cohort model, whereby a group of students completes the same program of study over five semesters. The six-credit nursing courses are taught online in the Summer, Fall and Spring sessions. The twenty units of non-nursing general education and elective courses may be satisfied through the Division of Corporate, Continuing and Distance Education (CCDE) with online courses (if available), in a traditional course at UMass Boston, or (with prior approval from the College of Nursing and Health Sciences) at another accredited college or university.

For more information about the program and admissions requirements, email kathleen.polley@umb.edu.

Online Degree Completion Program (BA, Community Studies)

AVAILABLE ONLINE

The Online Degree Completion Program allows returning students a flexible and convenient way to finish their degrees. This 30-unit (ten-course) program offers returning students with 90 or more credits the opportunity to earn a Bachelor of Arts in Community Studies—totally online. The requirements for this program have been packaged in such a way that you will benefit from a well-rounded and integrated learning experience that also affords you maximum credit for previously completed coursework no matter what your previous major or area of study. You'll enjoy a program of study that provides a solid foundation in academic skills, as well as an interdisciplinary content focused on contemporary issues in public policy, social sciences and applied liberal arts. This special Community Studies plan is an academically challenging program which examines human communities, their histories and cultures, their identities and values, institutions and economies, as well as their problems and prospects. The content and method of this program are drawn from the social sciences as well as the liberal arts, public policy, ethnic studies and global studies.

For more information about the program and admissions requirements, email sarah.bartlett@umb.edu.

UNDERGRADUATE CERTIFICATES

Community Media & Technology

AVAILABLE ONLINE

This two-semester, six-competency, 18-credit certificate program is designed to provide students with the key competencies they need to incorporate a range of multi-media tools into their primary responsibilities as labor activists, community organizers or agency professionals. Students in the certificate program complete the following requirements: media literacy; community action; analyzing media; media and community building; using technology; and developing a media strategy.

For more information, call 617.287.7120 or visit ccde.umb.edu/certificates.

Fundamentals of Information Technology

AVAILABLE ONLINE

The Certificate in Information Technology (CIT) is an introductory program into the information systems discipline. It covers concepts fundamental to the technology and operation of modern information systems, focusing on techniques, tools and methods used today in the development and use of computer-based applications. The program is intended for non-College of Management or non-degree seeking students. Course work involves 6 courses (18 credit hours) after completion of MSIS-IT 105 (Introduction to Computers and Information Systems). Students who complete the program will earn a certificate from the College of Management. Courses for this program will be offered in a mixture of online and on-campus formats.

For more information, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu) or visit ccde.umb.edu/certificates.

Geographic Information Technologies

This 18-credit certificate program is intended for professionals in all fields who deal with geographical data requiring spatial analysis—for example, environmental scientists, health researchers, or marketing/sales professionals. The certificate comprises courses that teach the concepts, principles, techniques and applications of computer and analytical cartography, remote sensing and digital image processing, Geographic Information Systems (GIS), Global Positioning Systems (GPS), and digital or softcopy photogrammetry. Currently it concentrates in three areas: cartography, remote sensing and GIS.

For more information, contact Kitty Galaitsis (tel 617.287.7918, email katharine.galaitsis@umb.edu) or visit ccde.umb.edu/certificates.

Human Service Practice

This 18-credit certificate program is designed for human service practitioners, affording them an opportunity to participate in courses that are directly related to their work and to apply their learning directly to their practice. Students will apply a professional orientation to the context and core values of human service practice, examine different theoretical models of practice, apply them to their own practice, and establish their own best practices in human service intervention and case management. Students will also have the opportunity to build their academic skills, including critical reading, research, and academic and professional writing.

The program is delivered over a three-semester period. Each semester, students will enroll in one course that addresses two different competencies from the human service curriculum at the College of Public and Community Service (CPCS).

For more information, contact Sarah Bartlett (tel. 617.287.7374; email sarah.bartlett@umb.edu) or visit ccde.umb.edu/certificates.

Spanish Court Interpretation

This intensive six-credit undergraduate certificate program has been specially designed to provide qualified applicants with an introduction to professional court interpretation. The program teaches the fundamentals of theory and practice through classroom discussion and activities, as well as through intensive laboratory exercises designed to develop interpreting proficiency. The program is tailored for both novice and practicing interpreters, as well as for qualified students. Applicants with little or no experience in interpreting will benefit from extensive laboratory practice, in-class discussion and exercises. Students will devote additional time in visits to court in order to fulfill course related assignments.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Spanish/English Translation

This two-semester, 12-credit certificate program has been designed to meet the increasing local, national, and international demand for professionals, educators, and students interested in meeting the challenges of modern multicultural, multilingual societies. Participants will explore the history, principles, theory, and practice of oral and written translation. They will practice the techniques of legal, medical, technical, general, and literary translation and learn to use specialized dictionaries and other essential reference materials. They will also improve their knowledge of English and Spanish syntaxes, morphologies, and semantic systems.

The program begins in the fall semester and concludes in the spring semester. It comprises two six-credit courses: Span 408, Advanced Techniques and Skills for Translation, and Span 409, Advanced Practice of Translation.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

GRADUATE CERTIFICATES

Adapting Curriculum Frameworks for All Learners

AVAILABLE ONLINE

This 12-credit certificate program is designed to provide educators with a working knowledge of practical applications of the principles and elements of Education Reform for the instruction of a diverse student population. The certificate combines current research, policy, and instructional practices, presented by faculty who are actively involved in changing the public school environment in Massachusetts.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Applied Behavioral Analysis

AVAILABLE VIA ITV

This four-course graduate sequence, offered via ITV at specific sites as well as at the UMass Boston Campus, is designed to enable students to serve as effective practitioners who can assess, design, implement and evaluate applied behavior analysis (ABA) programs by providing them with the knowledge, concepts and skills of basic ABA principles, ethical considerations, generalization strategies, and application to special populations and settings. Students will receive guided practice with each course's content by developing a Case Study that may be course-specific, or continue across several courses. Successful completion of all four courses will meet the coursework requirement to sit for the national Behavior Analyst Certification Board licensing examination.

For more information, contact Mary Brady (tel. 617.287.7254; email mary.brady@umb.edu) or visit ccde.umb.edu/certificates.

Creative Thinking at Work

AVAILABLE ONLINE

This 15-credit graduate certificate in Critical and Creative Thinking trains people to tackle challenging real-life problems, generate new ideas, and take them through to realization in their various educational, professional, artistic, and social settings. A variety of approaches are introduced to invention, dialogue, listening, and teamwork that promote creativity. Certificate students learn to confront ambiguous and complex problems, reflect deeply and bring insights to the surface, transform the giving of feedback into a mutual learning experience, build relationships of trust and enthusiastic acceptance of diverse perspectives, articulate a practical vision, and collaborate in bringing it to fruition. CCT Certificate students take two core courses, three elective courses, and complete an exit performance as part of one of the courses taken. CCT Master's students, graduate students from other programs, advanced undergraduates, and special students are welcome to enroll in individual courses. Note: MA students must get permission from their advisor before registering for online courses and will not be permitted to count more than four online courses from UMass Boston towards their degree.

For more information, contact Peter Taylor (tel 617.287.7636, email cct@umb.edu) or visit www.cct.umb.edu/CTAWcert.html

Database Technology

This 12-credit certificate program is geared towards programmers and software professionals who wish to acquire a systematic education in database technology. It provides a solid anchoring in state-of-the-art database technology and trains students to become database application developers or database administrators. A bachelor's degree is required. The candidates should have substantial programming experience; knowledge of databases is not expected.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Dispute Resolution

The 18-credit Graduate Certificate in Dispute Resolution is intended for people whose employment requires them to cope with conflict, and who feel that training in negotiation, mediation, or designing conflict resolution mechanisms would be useful. The curriculum focuses on conflict in communities, and in organizations such as state and local government, hospitals, labor groups, universities, courts, corporations, and schools.

The program comprises four three-credit courses and the six-credit mediation internship. All courses are taught and supervised by UMass Boston faculty with extensive mediation experience. With approval from the department, units earned in the certificate program can be applied toward the Master of Arts in Dispute Resolution.

For more information, call 617.287.7415, email disres@umb.edu, or visit ccde.umb.edu/ certificates.

Forensic Services

Intended for criminal justice and mental health professionals, this 16-credit graduate certificate program is designed to provide a strong grounding in behavioral sciences, while at the same time offering practical skills and competencies in mental health and criminal justice, which will enable students to serve as effective professionals in a variety of social service environments. Forensic Services broadly encompass criminal investigation, social science research, law, and the workings of related social service systems.

For more information, contact Elaine Sullivan (tel. 617.287.7915; email elaine.sullivan@umb.edu) or visit ccde.umb.edu/certificates.

Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate Programs

AVAILABLE ONLINE

This 12- or 21-credit certificate program is designed to assist RNs who have an MS degree in nursing to acquire the knowledge and clinical experience that will prepare them to sit for a gerontological, adult, or family nurse practitioner certification examination. Nurses holding current NP certification in adult primary care with 2 or more years of experience may apply for the 12-credit gertontological option or the 12-credit family option. RNs who have an MS in nursing from an accredited institution and 2 years experience in advanced practice nursing may apply for the 21-credit certificate program. Prerequisites include evidence of graduate course work in advanced health assessment, advanced pathophysiology and advanced pharmacology. Applicants who have not yet completed these prerequisites should consult the College of Nursing and Health Sciences course schedule.

For more information, contact Margaret McAllister (tel 617 287-7543, email margaret.mcallister@umb.edu) or visit ccde.umb.edu/certificates.

Gerontology (Focus on Management of Aging Services)

AVAILABLE ONLINE

The Gerontology Graduate Certificate with a focus in management of aging services is targeted to individuals in the aging network who are looking to upgrade their skills or advance in new directions within the field or for those looking to enter the field. The emphasis will be on making this an easily accessible program through use of regional video teaching sites and online courses. Class scheduling will reflect the needs of a working student population. The certificate may be earned by taking 15 hours of approved course work, including three required courses and two elective courses. Students will have the option of applying these 15 hours toward the 30-hour Management of Aging Services Master's degree program (see page 40).

For more information, contact Lillian Glickman (email lillian.glickman@umb.edu) or Ellen Birchander (tel 617.287.7338; email ellen.birchander@umb.edu).

Instructional Technology Design

AVAILABLE ONLINE

This 15-credit graduate certificate program is designed to meet the increasing challenges created by the high technology training needs of academic, corporate, and public educators. It is intended for instructional designers, training professionals and instructional technologists responsible for the design, development and management of technology-based learning programs. Educators will also find that the coursework in this program will enable them to better serve their audience. Coursework will include a balance of instruction and discussion, lab time and design teams producing multimedia projects.

For more information, contact Dennis Maxey (tel. 617.287.5980; email dennis.maxey@umb.edu).

Instructional Technology for Educators

AVAILABLE ONLINE

This 15-credit certificate from the Graduate College of Education is designed for in-service teachers who do not seek a master's degree at this time or for those who have already earned an advanced degree. The purpose of the Certificate is to prepare teachers to meet the National Technology Standards of the International Society of Technology and the Performance Indicators for Teachers and the Massachusetts Recommended PreK-12 Instructional Technology Standards. In addition, the coursework is designed to meet the subject knowledge competencies of the Massachusetts Instructional Technology licensure. Graduates of the program will develop a comprehensive performance-based technology foundation that reflects fundamental concepts and skills for using technology to support teaching and learning.

For more information, please contact Chenfeng Zhang (tel 617-287-7674, email chenfeng.zhang@umb.edu).

Orientation and Mobility

The Certificate Program in Orientation and Mobility (O/M) is a sequence of 19 units offered through the Graduate Special Education Program for those individuals interested in obtaining certification in O/M from the international professional organization AER (Association of Education and Rehabilitation of Individuals Who Are Visually Impaired/Blind). The certificate program is designed for vision teachers or other vision professionals to provide the specialized assessment and instructional skills needed by teachers to enable children and/or adults with visual impairments to function safely and confidently in a variety of environments while effectively using their remaining senses to orient themselves.

For more information, please contact Robert McCulley, M.Ed., Program Coordinator, at 617.287.7623, or Glenn Mitchell, Ph.D., Academic Advisor, at 617.287.7620.

Teaching of Spanish

This 18-credit graduate certificate program has been designed to address the needs of pre-service and in-service teachers who need to improve or enhance their skills in the field of Spanish.

The certificate offers a flexible course of study combining both new and traditional methods of teaching the Spanish language with presentations of geographic and cultural material that reflect the traditions that make up today's Spanish speaking worlds. The certificate program also introduces the latest uses of technology in the classroom and methods of assessment.

For more information, or to apply, contact Peggy Fitzgerald (tel 617.287.7550; email margaret.fitzgerald@umb.edu) or visit ccde.umb.edu/certificates.

Teaching of Writing

This 15-credit graduate certificate program is designed for K-12 teachers and administrators in all subject areas who want to learn strategies to strengthen students' writing and thinking skills, develop expertise in teaching writing and literacy across the curriculum, gain a deeper understanding of literacy learning, and improve their own writing. Participants will examine current readings in composition, literacy and writing pedagogy, share successful teaching practices, develop and implement curriculum, and document the effects of their teaching by collecting and analyzing student work.

For more information, please contact Bruce Rettman, Boston Writing Project (tel 617.287.7665, fax 617.287.7664) or visit www.bwp.umb.edu.

Women in Politics and Public Policy

The Program for Women in Politics and Public Policy is a one-year graduate certificate program designed to encourage and train women from all walks of life for significant political participation in careers in public management, research, policy-making, consulting, planning, and administration. The program offers a unique combination of graduate-level academic work in policy studies, analytical and research skills, and carefully supervised professional field work in addition to advising, counseling, and career development services. Students in the program earn units from UMass Boston's MA program in American Studies; eligible graduates of the program may be accepted for admission with advanced standing into the American Studies Program, or into the University's MS Program in Public Affairs.

Students are required to complete eighteen units for the certificate: nine units in course work, six units for the internship, and three units through the final case-study project.

The program welcomes applicants of diverse backgrounds with a wide variety of undergraduate majors. To be eligible for admission, the applicant must: 1) hold a bachelor's degree or its equivalent; 2) submit an official transcript; 3) arrange for a personal interview with program staff; 4) submit a completed application with fee; 5) submit two written recommendations.

For more information, contact Donna Stewartson (tel 617.287.6785, email donna.stewartson@umb.edu) or visit ccde.umb.edu/certificates.

Alcoholism/Chemical Dependency Treatment Services

Alcoholism/chemical dependency treatment agencies are among the newest elements of our nation's health care delivery system. Like clinics for the aging and mental health and well-child clinics, alcoholism/chemical dependency treatment agencies are now employing professional managers, counselors, and service providers. Anyone who wishes to pursue a career in the treatment of alcoholism/chemical dependency should be familiar with the functions, policies, and treatment populations of a complex network of treatment agencies, and must also possess the knowledge, skills, and techniques needed for the successful treatment of individuals and families afflicted by alcoholism or chemical dependency. UMass Boston's Alcoholism/Chemical Dependency Treatment Services Program (A/CDTSP) aids in the professional development of people involved in this important and growing health care service field.

The professional development sequence consists of five courses and a practicum. The courses explore the nature of alcoholism/chemical dependency, its treatment, and the ways treatment agencies function; the practicum involves supervised experience in a licensed facility. Participants who complete the five required courses and the practicum receive a certificate of recognition.

Three of the courses required for the certificate meet each fall and spring semester on Saturdays, for the convenience of working students. Other courses meet late in the afternoon and early in the evening. Practicum hours (about fifteen per week) are arranged to fit participants' schedules. A two-day pre-practicum workshop is conducted each semester just prior to the practicum so that the participants can synthesize knowledge gained in their course work and mobilize it for their practicum experience.

The program is offered at our main campus in Boston, in Plymouth, and in Framingham.

The fee for most of the courses in the program is $380. The fee for the pre-practicum workshop is $275; the fee for the practicum is $1,325. Total program cost is $3,500.

Participants who withdraw from the program before the second class meeting of the first semester will receive a 100% refund of program fees. No refunds are available after the second class meeting of the first semester.

Those wishing to enter the professional development sequence leading to the certificate are required to meet with the program director prior to registering.

FURTHER INFORMATION

For more information, or to arrange an interview, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

A/CDTSP Online

AVAILABLE ONLINE

The online version of the A/CDTSP program makes the highest quality addictions education available, not only nationally but internationally, to persons seeking to begin or advance their careers in the treatment of alcohol and chemical dependency. The curriculum is the same as in the face-to-face A/CDTSP program (see above). For a complete description of the program, visit ccde.umb.edu/certificates/acdtsponline.

The fee for most of the courses in the program is $580. The fee for the pre-practicum workshop is $480; the fee for the practicum is $1150. Total program cost is $4,550.

Those wishing to enter the program are required to complete an online application and be admitted by the program director prior to registering.

FURTHER INFORMATION

For more information, please contact Reca Quarles (tel 617.287.7900, email reca.quarles@umb.edu).

Human Resource Management Certificate

The certificate program in Human Resource Management is a two-semester program designed for those seeking an overview of the human resource function and its strategic role in today's organizations. The program is recommended for general managers and supervisors, new human resource professionals, and others interested in developing practical skills in human resource management.

The program consists of the following modules, focusing on skills and competencies set forth by regional and national associations as core requirements for individuals working as human resource professionals:

- Management Practices
- General Employment Practices and the Legal and Regulatory Environment
- Compensation with Benefits
- Human Resources Development, Performance, Management, and Employee Relations
- Labor Relations
- Health and Safety
- Strategic Human Resource Management

UMASS BOSTON CAMPUS

Wednesday, 6:30-9:30pm
Sept. 13-Dec. 13, Feb 14-May 7
Class No 14997
Fee: $2,250

For more information on the Human Resource Management certificate program, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, email susan.griffin@umb.edu).

Information Design and Development Certificate

AVAILABLE ONLINE

This program offers the fundamentals required for technical communication in the high-tech industry, as well as more advanced topics for developing and delivering effective technical information.

DESIGNING AND DEVELOPING CONTENT I

This course describes how to identify and create different types of technical documentation based on principles of audience analysis. Topics also include information design, writing drafts and handling reviews, and basics of usability analysis. You will also learn how to integrate graphics and apply templates to create effective documentation. An overview of common grammar, usage, and writing problems will also be provided.

ONLINE
Sept. 11 – Dec. 4
Class No. 14998
Fee: $860

USER ASSISTANCE

This course covers the many formats and structures of technical information that assist users in understanding and taking advantage of a software or hardware product's functionality. Over the years, many methods have been used to create and deliver technical information to users. This course covers topics such as user interface design, the evolution of authoring tools, and content development to address authoring and delivery needs.

ONLINE
Sept. 11 – Dec. 4
Class No. 14999
Fee: $860

For more information on the Information Design & Development certificate program, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, email susan.griffin@umb.edu).

Project Management Courses

PRACTICAL PROJECT MANAGEMENT

AVAILABLE ONLINE

Practical Project Management provides professionals with the essential skills they need to succeed in an increasingly competitive job market. Based on *The Project Management Body of Knowledge®*, this highly interactive course combines expert instruction with case studies and team exercises. In addition to technical competencies, the course covers the human and political aspects of project management by using examples from students' own projects. Participants will learn how to initiate, plan, execute, control and close a project and will be shown how to apply the ten PMBOK® knowledge areas to each phase of a project. Upon completion of the course, participants will be ready to assume the role of Project Manager and will receive the 35 contact hours required to apply for PMP certification.

ONLINE
Sept. 11-Dec. 4
Class No 14990
Fee: $1,060

UMASS BOSTON CAMPUS
Monday 6:30-9:30pm, Sept. 11–Dec. 11
Class No 14989
Fee: $875

For more information, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, email susan.griffin@umb.edu).

PMP EXAM PREPARATION

This intensive 2-day course is designed for professionals who are serious about passing the PMP examination. The course provides participants with a personal assessment of where they are in the preparation process by identifying strengths and knowledge gaps. At the end of the course students will have an excellent understanding of what it will take to complete their individual preparation. Each participant will leave with a personalized study plan that will greatly improve his or her chances of passing the PMP examination.

UMASS BOSTON CAMPUS
S 9:00am-4:00pm, Dec. 9 and 16
Class No 14991
Fee: $750

NEGOTIATION SKILLS FOR PROJECT MANAGERS

AVAILABLE ONLINE

This course teaches project managers how to negotiate for resources that are essential to the success of projects: time, money, material, and people. Frequently, project managers are held responsible for the success of a project without having complete control of these resources. Therefore, project managers have to be skilled negotiators and conflict managers to be effective in their roles.

ONLINE
Sept. 11–Dec. 4
Class No 14988
Fee: $895

For more information on Project Management courses, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, Email susan.griffin@umb.edu).

Urban Landscape and Garden Development Certificate

AVAILABLE ONLINE

This program recognizes the growing interest in the greening of the urban environment and the importance of creating and sustaining green spaces in cities. The focus will be on the urban setting and its public and private green spaces.

INTRODUCTION TO THE URBAN LANDSCAPE

This course provides an overview of urban landscape development, using Boston as an example. The following topics provide unique insights into the landscape of Boston's past, present, and future:

- A view of Boston landscape history
- The unique geography of Boston
- Evolution of the Boston landscape
- Community gardens in Boston
- The influence of different cultures on the Boston landscape

ONLINE
Sept. 11 – Dec. 4
Class No. 14983
Fee: $500

HOW TO READ URBAN OPEN SPACE

This course addresses questions such as: What makes an urban space successful? How do properties such as form, aesthetics and use patterns compare? What in fact do we mean by the term "space"? How can such a quality be measured? What makes a "space" a "place"? What are the threats to the quality of the urban public ream? The notion of urban open space as a *design element* is emphasized. Students will develop a discursive capacity with regard to *space* as distinct from *object*, and explore their relationship. Characteristic spaces such as the boulevard, park, plaza, and square are considered in relation to the aesthetic, social, political and economic determinants of form.

ONLINE
Sept. 11 – Dec. 4
Class No. 14985
Fee: $500

PLANT MATERIALS FOR THE URBAN LANDSCAPE

This course covers the broad palette of plant materials that can be used in an urban setting. You will learn about annuals, perennials, trees, shrubs, and vines. Plants used in specialized gardens such as rock gardens, water gardens, containers, and xeriscapes are studied as well. The course includes topics such as plant identification, using plants in the landscape, native versus exotic and invasive species, and plant hardiness to a range of environmental conditions.

ONLINE
Sept. 11 – Dec. 4
Class No. 14986
Fee: $500

NEGOTIATING THE URBAN LANDSCAPE

This course teaches essential negotiation and conflict management skills and explores how conflict resolution perspectives, tools, and techniques can be used to aid urban gardeners, landscape designers, and planners in their community interactions. Whether the topic is the development of the Greenway or locating and protecting community gardens, conflict is an unavoidable part of change. This is especially true in an urban environment where any change impacts a variety of stakeholders with different priorities and perspectives. This course teaches you the skills you need to avoid unnecessary conflicts, to manage unavoidable conflicts, and to find creative, problem-solving solutions.

ONLINE
Sept. 11 – Dec. 4
Class No. 14987
Fee: $500

For more information on the Urban Landscape and Garden Development certificate program, please visit ccde.umb.edu/corporate, or contact Susan Griffin (tel 617.287.7278, fax 617.287.7297, Email susan.griffin@umb.edu).

Online Courses

Our online courses have been developed by UMass Boston faculty and use the WebCT Vista course management system.

A list of online courses available this fall can be found on page 12. Descriptions and schedule information for these courses are available in the main course listings on pages 14-38, where online courses are marked with the symbol at left.

You can register for these courses just as you would for any other credit course, using the registration form on page 56, following the instructions on page 3; if you register by mail or fax, please be sure to clearly print your email address.

Registered online students will receive a confirmation of registration in the mail AND a notification about a week before the course is due to start, giving password, Login ID and location of the login gateway website. This notification will come as an email to the account given at registration.

Our online courses mostly follow a thirteen-week schedule. More information can be found in the Academic Calendar (inside front cover).

As an enrichment of the online learning experience, each of these courses will include either two on-campus class meetings or two synchronous chat sessions, to be scheduled at the convenience of the students and instructor. Students unable to attend will be given alternative opportunities.

Please be sure to read information about online learning at ccde.umb.edu/dl.

FURTHER INFORMATION

If you need further information about UMass Boston online courses, contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu) or visit ccde.umb.edu/dl.

Videoconferencing (ITV) Courses

These courses are offered in a videoconferencing format, by which students at remote sites may participate in a lecture class via real-time two-way video, with the technical assistance of UMass Boston's Video Production/ Distance Learning Center. If your organization is interested in having courses delivered to a remote location by videoconferencing technology, please contact Kitty Galaitsis (617.287.7918; katharine.galaitsis@umb.edu).

Online Degree and Certificate Programs

Several of our degree and certificate programs can be completed entirely or primarily through online study, including the following:

DEGREE PROGRAMS

- MA in Applied Linguistics, ESL Concentration
- MS in Family Therapy Counseling
- MS in Mental Health Counseling
- MS in Rehabilitation Counseling
- MEd in School Guidance Counseling
- MS in Gerontology (Management of Aging Services Track)
- MEd in Instructional Design
- BS in Nursing for Registered Nurses
- Online Degree Completion Program (BA in Community Studies)

UNDERGRADUATE CERTIFICATES

- Community Media and Technology
- Fundamentals of Information Technology

GRADUATE CERTIFICATES

- Adapting Curriculum Frameworks for All Learners
- Critical & Creative Thinking (Focus on Creativity at Work)
- Gerontological/Adult and Family Nurse Practitioner (NP) Post Master's Certificate
- Gerontology (Focus on Management of Aging Services)
- Instructional Technology Design
- Instructional Technology for Educators

PROFESSIONAL TRAINING PROGRAMS (NON-CREDIT)

- Alcohol/Chemical Dependency Treatment Services
- Human Resource Management
- Project Management
- Urban Landscape & Garden Development

Further information about these programs is available on pages 38-48.

More Online Learning Opportunities: umassonline.net

Online courses from throughout the University of Massachusetts system can be accessed through UMassOnline, your gateway to the UMass world of excellent and affordable online education. For more info, please visit: umassonline.net.

The programs in English Language Study offered by the Division of Corporate, Continuing and Distance Education provide English instruction to speakers of other languages. Programs are designed for individuals seeking to communicate more effectively and improve their performance in professional, academic, and social environments. The Division offers day and evening classes for non-native speakers at all levels of language proficiency.

The content and methods used in all courses are chosen to maximize students' language development. Therefore, strong emphasis is placed on language learning skills and strategies, and students' personal and professional interests, needs, and backgrounds are carefully considered. Instruction in each class includes a grammar review at the appropriate level, integrated with practice in listening comprehension, oral expression, reading, writing, vocabulary building, and pronunciation.

ASSESSMENT AND COURSE PLACEMENT

To ensure that students are placed in appropriate courses and levels, they must attend an assessment session. The session consists of several types of tests: grammar, listening and reading comprehension, and a writing sample. There is also an interview with a program instructor.

For evening programs, the assessment session is completed at the first scheduled class meeting. For full-time programs, the assessment process is more comprehensive. Tests are completed over the first few days of the semester, and take place in conjunction with a variety of classroom and orientation activities. Formal classes begin only after the orientation period.

FURTHER INFORMATION

For more information about any of our English Language Study programs, contact Susan Griffin (tel. 617.287.7278, email susan.griffin@umb.edu).

Intensive English Programs

Classes in our Intensive English Programs take place Monday through Friday between 9:00am and 4:00pm, for a total of 24 hours per week. Some sections will meet on two afternoons per week, others on three or four afternoons per week.

ESL: THE INTENSIVE COURSE

The Intensive course is designed to help people learn English in the shortest possible time. The program's focus is to provide extensive practice in speaking and understanding English. Students study grammar, writing, reading comprehension, and vocabulary building.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 15
Class No. 15111
Fee: $3,450

UNIVERSITY PREPARATION

This program provides international students with intensive English language instruction and preparation for successful study at American colleges and universities. Participants experience an integrated program focusing on English language instruction, university study skills, academic course work, the college admission process, TOEFL preparation, and the American cultural experience.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 15
Class No. 15112
Fee: $3,450

ESL: BUSINESS ENGLISH OPTION

The Business English Option is designed for individuals who wish to focus their learning on the types of English used in the business world. In addition to classes in general English (grammar, writing, reading comprehension, and vocabulary), participants will experience classes in which video, audio materials and computers are used to present topics such as management, marketing, finance, management information systems and other topics of interest to business people. Students participate in 24 class hours per week and must complete homework and other assignments.

The University of Massachusetts Boston will supply an I-20 form enabling students to apply for an F-1 visa for Intensive English programs.

UMASS BOSTON CAMPUS
September 7-December 15
Class No. 15113
Fee: $3,450

Visiting Scholars Programs

Visiting Scholars programs are currently available for Chinese and Latin American students. These programs offer participants with affiliations to selected universities that are signatories to inter-institutional agreements the opportunity to pursue a personalized plan of independent study and research combined with limited English language support.

For more information, contact Susan Griffin (tel. 617.287.7278, email susan.griffin@umb.edu).

Evening ESL Classes

If you are a non-native English speaker with a strong desire to improve your overall communicative ability, then the English as a Second Language Program is designed for you. The program in English Language Study at UMass offers English as a Second Language classes at three levels: ESL I (high beginner to low intermediate); ESL II (low to high intermediate); and ESL III (high intermediate to advanced).

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 26 and Wednesday, September 27 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
October 3-December 7
Class No 15114
Fee: $475

Professional Communication for Non-Native Speakers

This course is designed for high-intermediate to advanced non-native speakers of English who seek a growing mastery of both English proficiency and communication skills necessary for success in the professional workplace environment. Class work will focus on oral presentation and short written reports.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 26 and Wednesday, September 27 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
October 3-December 7
Class No 15115
Fee: $475

TOEFL Test Preparation

The Test of English as a Foreign Language, or TOEFL, is nearly universally required by American universities (both graduate and undergraduate schools), as well as by secondary schools and many corporations and businesses, when these institutions make admission and hiring decisions, respectively. TOEFL Test Preparation is designed to accommodate students at intermediate and advanced levels of English proficiency who wish to enhance their ability to achieve the highest possible score. TOEFL study focuses on intensive, comprehensive practice of skills specifically demanded by the TOEFL test. As a standardized test, it is important to understand that there are particular techniques and strategies that students can learn and practice to maximize their chances of scoring well. Students will also take authentic computerized-based practice tests in computer labs utilizing software that closely matches the actual test.

Classes meet two evenings per week; specific days and times will be announced after the testing period. Testing is on Tuesday, September 26 and Wednesday, September 27 at 6:45 pm in McCormack Hall, 3rd floor, room 130. Students need attend only one testing session. Class placements are made only after testing.

UMASS BOSTON CAMPUS
October 3-December 7
Class No 15116
Fee: $475

Graduate Test Preparation Courses

Developed in conjunction with the Office of Career Services, these review courses offer preparation for the Graduate Record Examination (GRE), Graduate Management Admission Test (GMAT), and Law School Admission Test (LSAT), providing intensive classroom sessions that cover all sections of each exam. Each course involves extensive exam practice, including a full-length practice test given under exam conditions. All courses meet at our main campus in Boston, unless otherwise noted. Enrollment is limited. Please register early, using the form on page 55.

Note: Additional sections of grad prep courses are being added as this publication goes to press. For an up-to-date schedule, call 617.287.7914.

REVIEW FOR THE GRADUATE RECORD EXAMINATION (GRE)

We still offer regularly scheduled prep courses; however, the GRE exam is available only online at designated centers. For more information, please call 800-GRE-CALL.

TuTh 6:00-9:00pm
Sept 12-Oct 19
Course Fee: $450
Class No 15117

TuTh 6:00-9:00pm
Nov 7-Dec 19
Course Fee: $450
Class No 15118

REVIEW FOR THE GRADUATE MANAGEMENT ADMISSION TEST (GMAT)

We still offer regularly scheduled prep courses; however, the GMAT exam is available only online at designated centers. For more information, please call 800-GMAT-NOW.

MW 6:00-9:00pm
Sept 6-Oct 18
Course Fee: $450
Class No 13667

MW 6:00-9:00pm
Oct 18-Nov 29
Course Fee: $450
Class No 15119

REVIEW FOR THE LAW SCHOOL ADMISSION TEST (LSAT)

Test Date: Sept 30
TuTh 6:00-9:00pm
Aug 22-Sept 28
Course Fee: $450
Class No 2533

Test Date: Dec 2
TuTh 6:00-9:00pm
Oct 19-Nov 30
Course Fee: $450
Class No 15120

COPLEY
Test Date: Dec 2
MW 6:00-9:00pm
Oct 18-Nov 29
Course Fee: $450
Class No 15121

Math Refresher Course

This course is designed for people who are perhaps math-phobic or who have been away from math for a long time and are interested in refreshing their math skills—for college placement tests, both undergraduate and graduate, for GRE and GMAT prep courses and exams, and other professional or educational endeavors. The course offers an intense, fast paced review of the fundamentals of arithmetic, algebra, and geometry. Included in the course are basic math operations, word problems, graphs, linear and quadratic equations, formula solving and manipulation and the basic concepts of geometry and their applications. Students will be introduced to the language of math and many shortcuts will be presented. When possible, courses are scheduled in advance of our six-week GMAT and GRE prep course offerings for those students who are taking the exams. However, it must be emphasized that this course is not designed solely for those going on to graduate school and it is not a strategy class.

To register for this course, use the form on page 55.

MW 6:00-9:00pm
Sept 18-Oct 11
Course Fee: $250
Class No 15122

MW 6:00-9:00pm
Nov 27-Dec 18
Course Fee: $250
Class No 15123

Boston Area Advanced Technological Education Connections (BATEC)

Boston Area Advanced Technological Education Connections (BATEC) is a National Science Foundation funded center that is working to develop and promote a coordinated, self-sustaining, regional education and workforce development system for IT—one that will attract a diverse student population to IT careers, promote lifelong learning of IT skills and support the workforce needs of the region's IT companies and departments.

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For more information about BATEC, contact Deborah Boisvert (tel 617.287.7295, email deborah.boisvert@umb.edu), or visit www.batec.org.

China Program Center

The China Program Center is a UMass Boston initiative whose mission is to provide a focal point for partnering among Chinese and American government, academic, and business leaders to provide cross-cultural education and training programs which advance mutual understanding of the cultures. The Center's activities will span a wide range of educational opportunities for an equally wide range of audiences, including Chinese students, faculty, and government officials as well as US students, business leaders, and teachers.

For more information about the China Program Center, contact Allan Guo, Director (tel 617.287.7291, email allan.guo@umb.edu).

Marine Studies Consortium

UMass Boston is a member of the Marine Studies Consortium, an association of higher education and research institutions that shares an aquatic science and environmental policy curriculum. The Consortium's undergraduate academic program offers unique learning opportunities. Courses are taught in the early evening on member campuses. College academic credit is also available to the general public through agreements with Consortium member schools.

For more information visit: www.brandeis.edu/marinestudies/ or call 781-444-3643.

Center for Professional Development and Leadership in Education

The Center for Professional Development & Leadership in Education provides professional development opportunities in areas such as the following:

• The Boston Writing Project, an affiliate of the National Writing Project, builds the leadership, programs, and research needed for teachers to help their students become successful writers and learners. To that end, BWP conducts an annual summer institute attended by the most experienced teachers in the area, followed by project-sponsored programs in the teachers' own schools and neighboring schools and districts.

• The Massachusetts Studies Project is an outreach project for educators and students. Its mission is to ground students in their communities by localizing the curriculum. The MSP supports education reform to enhance lifelong learning in three ways: Massachusetts-related information and curriculum materials through databases on the Web that encourage community research and involvement in relevant experiences; professional development training for teachers to integrate technology and relate resources to curriculum frameworks; and development of instructional materials and resources where not already available.

• The Center of Science and Mathematics in Context (COSMIC) is a joint venture of the Graduate College of Education and the College of Science and Mathematics at UMass Boston. The mission of COSMIC is to advance high quality teaching and learning in science and math for all students at K-12, university undergraduate, and graduate levels. The goals of COSMIC are to provide support for science and math teachers, develop and evaluate curriculum and assessment materials, provide professional development, strengthen the pipeline toward science, technology, engineering and mathematics (STEM) careers, conduct research on the effectiveness of our interventions, and create partnerships with school districts, industry, government, and non-governmental organizations.

• The Center for Technical Education was established in 1983 to meet the needs of prospective vocational educators in metropolitan Boston by offering courses leading to vocational education and vocational special needs approval, as well as courses in technology education.

• Advanced Placement Summer Training offers courses each summer in conjunction with The College Board each summer to provide training for teachers of Advanced Placement courses.

For more information on CPDLE programs and activities, contact John White (617.287.7290; john.white@umb.edu) or Sumner Rotman (617.287.7919; sumner rotman@umb.edu), or visit ccde.umb.edu/cpdle.html/

Interested in a UMass Boston degree?

At UMass Boston, the opportunities for learning are almost limitless, and so are the opportunities for an exciting and rewarding future. If you're considering a UMass Boston degree, here's how to find out more.

COME TO AN UNDERGRADUATE INFORMATION SESSION.

At one of these hour-long sessions, you can learn about our academic programs and other resources, student life, financial aid, and the admission process. We'll do our best to answer your questions and give you a sense of how UMass Boston can work for you. There are daytime and evening sessions, and sessions particularly for persons thinking of transferring or returning to school as adults. You can also take a guided campus tour. For more information, including the information session and tour schedules, call 617.287.6000.

COME TO A GRADUATE OPEN HOUSE.

At one of our open houses, you can meet graduate program directors and faculty members, and talk with them about courses and research opportunities, areas of faculty expertise, assistantships, facilities, degree requirements, and any other aspect of graduate study at UMass Boston you want to know about. For more information, call 617.287.6000.

GET IN TOUCH BY PHONE OR EMAIL.

We'll send undergraduate or graduate information and application materials, and we'll do our best to answer any questions you may have about attending UMass Boston. The phone number to use is 617.287.6000 (TTY/TDD for the hearing-impaired: 617.287.6010). You can also email us at enrollment.information@umb.edu.

VISIT OUR WEB SITE.

To learn more about our over 90 areas of study on the bachelor's, master's, and doctoral levels, as well as our professional development and certificate programs, visit us at www.umb.edu.

SEND US THIS COUPON.

We'll be glad to respond. Return the coupon to: The Admissions Information Service, University of Massachusetts Boston, 100 Morrissey Boulevard, Boston, MA 02125-3393

Name _____

Number and street _____

City, state, zip _____

Birthdate M/D/Y (for coding only) _____ Telephone _____ Gender (M or F) _____

Program of particular interest (please indicate whether graduate or undergraduate) _____

PLEASE NOTE!

If you're interested in joining us as a degree-seeking undergraduate student in fall '06, call us right away! Space in some programs may still be available. The number to use is 617.287.6000.

Registration Form • Fall 2006 Non-Credit Programs

Use this form for Corporate & Professional Training, English Language Study, and Graduate Test Preparation (pages 46-52)

Student ID # _____

Social Security #: ___ – ___ – ____

Name _____
First MI Last

Date of Birth _____ **Sex** ○ Male ○ Female
Month Day Year

Daytime Phone ( ) _____ **Evening Phone** ( ) _____

Email address _____

Mailing address _____

Are you a Massachusetts resident? ○ Yes ○ No

Job Title _____

Employer _____

Employer Address _____

Have you taken courses at UMass Boston before? ○ Yes ○ No

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanic
G. Other_____

This is your only record of your registration transaction!! Please retain a copy for your records

Course Selections

Class No. (4-6 digits)	Title	Starting Date	Program Fee

Full payment must accompany all registrations

Method of Payment

○ VISA ○ MasterCard
○ Check ○ Discover Card
○ Bill Company/Agency
○ Waiver_____
(waiver code)

Send checks
(payable to UMass Boston) to:
UMass Boston
CCDE, Box NC
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7922

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards.
To do so, please provide the information requested.

___ – ___ – ___ – ___
Account Number

___
Card Number ("Security Code")

_____
Expiration Date

_____
Student Signature

_____
Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Total Payment Enclosed

Payment by Outside Agency

If charges are to be paid by an outside agency, a payment authorization from that agency must accompany this registration form. Students are reminded that they are liable for course and service fees in the event that the sponsoring agency does not pay them. The Division of Corporate, Continuing and Distance Education cannot accept payment arrangements through Academic Management Services (AMS).

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk in

Authorization # _____

Certified by: _____

Fall 2006 Credit Course Registration

Name First MI Last

Date of Birth Month Day Year **Sex** ○ Male ○ Female

Daytime Phone ( ) **Evening Phone** ( )

Email address

Mailing address

Student ID #

Social Security #: – –

Job Title

Employer

Employer Address

Are you a Massachusetts resident?
Yes ○ No ○

Have you taken courses at UMass Boston before?
Yes ○ No ○

Ethnic Survey Information. Please circle appropriate letter.

A. American Indian/Alaskan Native
B. Black Non-Hispanic
C. Asian or Pacific Islander
D. Hispanic
E. Non-resident Alien
F. White Non-Hispanici
G. Other_____

Course Selections

Class No	Department / Catalog No	Title	Location	Faculty Initials (if necessary)	Credits	Course Fee		Lab Fee (if any)		Total Course and Lab Fee
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	
							+		=	

Method of Registration

○ Mail ○ FAX
○ Phone ○ Walk-in

Full payment must accompany all registrations. Cash payments can be made only at the Bursar's Office before 4:30pm.

Note: improperly completed forms and/or checks cannot be accepted, and therefore will be returned unprocessed.

Method of Payment

○ MasterCard ○ Check
○ Discover Card ○ Financial aid
○ VISA ○ Dther
○ Waiver_____
(waiver code)

Send checks
(payable to UMass Boston) to:
UMass Boston
CCDE, Box C
100 Morrissey Blvd.
Boston, MA 02125-3393
Fax: 617.287.7902

MasterCard, VISA, and Discover Card Only

You may pay fees through one of these three credit cards.
To do so, please provide the information requested.

Account Number

Card Number ("Security Code") Expiration Date

Student Signature

Cardholder's Name

If a student is eligible for a refund, the refund will be made only as a credit to a MasterCard, VISA, or Discover Card account.

Please calculate payment below.

Course and Lab Fees (total)

Service Fees **$100**

($50 if taking only online or off-campus courses)

Subtotal

Records Fee*

Late Registration Fee**

Total Payment Enclosed

*$6; required of non-matriculated students
**$25 if applicable; see "When to Register," page 3.

Authorization #

Certified by:

CE Staff Initials

Postmark Date

If you want to know more about UMass Boston's Division of Corporate, Continuing and Distance Education, **ccde.umb.edu** is the place to go. On our website you can:

- Submit your registration online
- Browse our FAQs
- Find in-depth descriptions of our programs
- Check out up-to-date information on new programs, schedule changes, and CCDE events and activities

ccde.umb.edu

find us on the web

UMASS BOSTON

University of Massachusetts
UMASS Boston

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Division of Corporate, Continuing
and Distance Education
100 Morrissey Boulevard
Boston, MA 02125-3393